

**Before the  
FEDERAL COMMUNICATIONS COMMISSION  
Washington, D.C. 20554**

In the Matter of	)	
	)	
Advanced Television Systems	)	MB Docket 87-268
And Their Impact upon the Existing	)	
Television Broadcast Service	)	

TO: Office of the Secretary  
ATTN: The Commission

**COMMENTS OF UNIVERSITY OF NEW HAMPSHIRE**

University of New Hampshire (UNH), licensee of noncommercial educational television Station WENH-DT, Durham, New Hampshire, through its attorneys and pursuant to Section 1.415 of the rules, hereby files its Comments in response to the Commission's *Seventh Further Notice of Proposed Rule Making* (Notice) in the above-referenced proceeding proposing a new DTV Table of Allotments.

1. The Commission seeks comment on "whether the channel assignments in the proposed DTV Table will serve the Commission's goals of promoting overall spectrum efficiency and ensuring the best possible DTV service to the public." *Notice* at page 7, para. 16. As explained in the attached engineering exhibit, the proposed allotment for post-transition Station WENH-DT on Channel \*11 would result in an extraordinary and totally needless reduction in service. UNH operates Station WENH-TV, satellite television stations at Keene and Littleton, and two translator stations to provide public television service to the state under the name of New Hampshire Public Television. The proposed DTV allotment would severely threaten the financial underpinnings of this public service.

2. Analog and transitional digital facilities. Station WENH-TV is licensed to operate omnidirectionally on Channel \*11 at 316 kW ERP with antenna radiation center at 301 meters AAT. UNH's transitional digital allotment is out-of-core Channel \*57. That channel was allotted in the current DTV Table with facilities that would replicate analog coverage on Channel \*11. However, it would have been financial folly for a broadcaster, and particularly a public television licensee, to spend the money to construct a 1,000 kW out-of-core facility with an extremely limited shelf life. The licensee instead applied for a DTV construction permit and eventually received a license for omnidirectional operation at 589 kW ERP with antenna radiation center at 216 meters AAT.

3. In its Pre-Election Certification on Form 381, UNH certified that it will operate its post-transition DTV station based on its allotted replication facilities. In the first selection round, UNH filed Form 382 and elected to return at the end of the transition to Channel \*11 for permanent DTV operations. The intention throughout the process was to end up with digital coverage that replicated analog coverage on Channel \*11, as the Commission had intended when first allotting Channel \*57. When UNH filed Form 382, its counsel sent a "mailbox notification" to the Commission (copy attached) stating:

We are writing on behalf of the University of New Hampshire, licensee of noncommercial educational Station WENH-TV, Channel \*11, Durham, New Hampshire and permittee of Station WENH-DT, Channel \*57. The licensee on November 1<sup>st</sup> filed its Form 381 Pre-Election Certification, and it selected option (c), "replication". We hereby request that the election be evaluated for purposes of interference protection analysis based on the licensee's NTSC station population coverage on Channel 11, rather than on the coverage from its out-of-core DTV allotment.

Because the licensee obviously had no incentive to maximize coverage on an out-of-core channel that cannot be used post-transition, it should not be bound by the station population coverage derived from the allotted facilities on that channel. The licensee will seek to return to Channel \*11 for its permanent DTV home, and it would be more appropriate if it could import its greater station population coverage from NTSC Channel \*11 to the DTV operations that it will propose on that channel.

4. While the facilities permissible under the proposed DTV Table would fully replicate the temporary out-of-core channel coverage at lesser power, they would not come close to replicating analog coverage. The temporary Channel \*57 operations were proposed in order to provide substantial transitional public service without the expense of constructing, operating, and eventually abandoning much more expensive temporary facilities. UNH and its audience should not be penalized for the decision not to use its limited funds to construct the largest possible temporary facility on an out-of-core channel.

5. The DTV Table facilities would result in substantial diminution of service. The proposed DTV Table provides for Station WENH-DT to operate directionally after the transition on digital Channel \*11 with 8.27 kW ERP. As demonstrated in the engineering exhibit, such operations would result in a marked reduction in station coverage, depriving an estimated 669,213 people within the current analog service contour of over-the-air reception of the DTV station's programs. That would represent, conservatively, a net reduction of 14.9% in population coverage, including coverage of populations that provide substantial membership and underwriting funding of the operations of New Hampshire Public Television.

6. In addition, the proposed DTV Table would force the licensee to operate with a directional digital antenna that would obviously be far from the best fit. As noted in the engineering exhibit, the antenna specified in the proposed DTV Table orients the proposed pattern with the main beam toward the ocean and protection towards the northwest where no interference would be predicted. That exhibit demonstrates that a different directional antenna design and orientation would maximize coverage while still protecting all other stations.

7. Requested relief. The proposed DTV Table should be revised to specify 16 kW ERP for Station WENH-DT. That would comport with the licensee's intention and reasonable expectation that post-transition DTV operation would be based on its NTSC service, considering that its transitional channel is not suitable for permanent DTV operations. That revision to the DTV Table will avoid an extraordinary and needless loss of service and advance the Commission's goals in this proceeding.

WHEREFORE, for the foregoing reasons, UNH respectfully requests that the DTV Table be amended as proposed herein.

Respectfully submitted,

**UNIVERSITY OF NEW HAMPSHIRE**



By: \_\_\_\_\_

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Washington, D.C. 20036-7322

Its Attorneys  
January 25, 2007

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**From:** Lawrence M. Miller  
**Sent:** Friday, November 05, 2004 5:10 PM  
**To:** 'form381@fcc.gov'  
**Cc:** Peter Frid (pfrid@nhptv.org); Bill Bumpus; 'William T. Godfrey, Jr.'  
**Subject:** Station WENH / Fac ID 69237 / FRN 0005018270

We are writing on behalf of the University of New Hampshire, licensee of noncommercial educational Station WENH-TV, Channel \*11, Durham, New Hampshire and permittee of Station WENH-DT, Channel \*57. The licensee on November 1st filed its Form 381 Pre-Election Certification, and it selected option (c), "replication". We hereby request that the election be evaluated for purposes of interference protection analysis based on the licensee's NTSC station population coverage on Channel 11, rather than on the coverage from its out-of-core DTV allotment.

Because the licensee obviously had no incentive to maximize coverage on an out-of-core channel that cannot be used post-transition, it should not be bound by the station population coverage derived from the allotted facilities on that channel. The licensee will seek to return to Channel \*11 for its permanent DTV home, and it would be more appropriate if it could import its greater station population coverage from NTSC Channel \*11 to the DTV operations that it will propose on that channel.

Best,

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**ENGINEERING TECHNICAL STATEMENT PREPARED BY WILLIAM T. GODFREY, JR. OF THE FIRM KESSLER AND GEHMAN ASSOCIATES, INC., TELECOMMUNICATIONS CONSULTING ENGINEERS IN CONNECTION WITH THE SEVENTH FURTHER NOTICE OF PROPOSED RULE MAKING REGARDING THE PARAMETERS ASSIGNED IN THE PROPOSED DTV TABLE OF ALLOTMENTS FOR THE UNIVERSITY OF NEW HAMPSHIRE POST-TRANSITION DIGITAL TELEVISION BROADCAST FACILITY, WENH-DT CHANNEL \*11, DURHAM, NH.**

The firm Kessler and Gehman Associates, Inc. was retained by the University of New Hampshire (UNH), Durham, New Hampshire to review the WENH-DT Channel \*11 post-transition facility's technical parameters assigned in the FCC's proposed DTV Table of Allotments (TOA) contained in the Seventh Further Notice of Proposed Rule Making (7<sup>th</sup> FNPRM) and to prepare comments for filing if detailed engineering studies reveal inaccuracies with respect to the proposed technical parameters.

**Discussion**

UNH is licensed to operate the WENH-TV Channel \*11 analog facility with a maximum effective radiated power (ERP) of 316 kW with an antenna height radiation center of 301 meters above average terrain (AAT) using a non-directional antenna (BMLET-19960516KH ). UNH is also licensed to operate the WENH-DT Channel \*57 out-of-core facility with a maximum ERP of 589 kW with an antenna height radiation center of 216 meters AAT using a Dielectric model TUP-O4-6-1 non-directional antenna (BLEDT-20001109AAU ).

Each DTV channel allotment was chosen by the FCC to best match the Grade B contour of the NTSC station with which it was paired. From the beginning, UNH's plan for WENH with respect to the post-transition digital facility was to operate with full "NTSC" replication facilities. Accordingly, UNH elected "replication" in its Pre-Election Certification application based on its NTSC coverage.

The FCC released the 7<sup>th</sup> FNPRM on October 20, 2006 which included the proposed DTV Table of Allotments. In the 7<sup>th</sup> FNPRM, it states that interested parties may file comments on or before January 11, 2007 with respect to the proposed DTV Table and asks that licensees review the accuracy of their information contained in the proposed DTV Table, including comments on any inaccuracies or discrepancies. The FCC also stated in the 7<sup>th</sup> FNPRM that it believes that its proposed new DTV Table is the result of informed decisions by licensees when making their channel elections and that licensees benefited from the clarity and transparency of the channel election process. However, the clarity of the Channel Election process is in doubt for UNH because it elected “replication” in its Pre-Election Certification Form and the technical parameters depicted in the proposed DTV TOA for the WENH-DT Channel \*11 post-transition facility fall well short of NTSC replication.

UNH released digital Channel \*57 because it is an out-of-core channel and elected to go back to its NTSC channel for post-transition operation and the FCC assigned it Channel \*11 in the proposed DTV TOA. Referring to Exhibit 1, it can be seen that the proposed DTV TOA facility’s protected F(50,90) 36.0 dBuV/m noise limited contour for the WENH-DT facility (red contour) would more than replicate the licensed digital facility’s protected F(50,90) 42.5 dBuV/m noise limited contour (magenta contour), but that is because UNH could not fund the authorized 1,000 kW out-of-core facility and had no choice but to build a lower-power digital out-of-core station. It can also be seen that the proposed DTV TOA facility (red contour) would fall well short of replicating its licensed analog F(50,50) 56.0 dBuV/m Grade B contour (green dashed contour). The parameters assigned in the proposed DTV TOA for WENH-DT would result in an estimated minimum service population loss of 669,213 persons based on U.S. Census 2004 Estimation Data and this does not even take into consideration the additional losses of the population currently served outside the Grade B contour. This would be a 14.9% reduction to the population currently served by the licensed WENH-TV facility. It can be seen that a huge portion of the Boston coverage area that UNH depends so much on for funding would be eliminated. The proposed DTV TOA also assigns the WENH-DT Channel \*11 post-transition facility a directional azimuth pattern even though the licensed NTSC and DTV facilities are both nondirectional. It’s clear that WENH-DT Channel 11 should indeed be assigned a directional

antenna so that it can protect WWLP-DT Channel \*11 to the southwest. However, the FCC oriented the proposed pattern with the main beam toward the ocean and protection toward the northwest where no interference would be predicted.

The FCC informed UNH that it calculates post-transition DTV operation based on the NTSC ERP for stations electing to go back to NTSC channels. Therefore, the core of all decisions acted upon by UNH with respect to the DTV transition, which includes the Pre-Election Certification application and the Channel Election application, were entirely based on the certainty that the WENH post-transition DTV facility would carry-over the Grade B coverage that it is currently licensed to serve to the public. Referring to Exhibit 2, it can be seen that the F(50,90) 36.0 dBuV/m noise limited contour, representing the Final DTV TOA for the post-transition WENH-DT Channel \*11 facility (red contour), would closely replicate the WENH-TV Channel \*11 Grade B contour (green dashed contour) with a maximum ERP of 16 kW using a directional antenna with protection toward the WWLP-DT Channel 11 facility (blue contour). It can be seen that the F(50,90) 36.0 dBuV/m contour representing the Final DTV TOA facility (red contour) would not exceed the F(50,90) 36.0 dBuV/m contour representing the proposed DTV TOA facility (magenta contour) toward the WWLP-DT facility (blue contour). Therefore, it would not increase the percentage of interference to WWLP-DT.

Exhibits 3 and 4 depict the output of detailed Longley-Rice interference studies that were calculated using the FCC's digital television software using the same type Sun Sparc computer work stations in order to produce the exact same calculations to ensure that the 0.1% interference threshold for full-service TV/DTV/Class-A protection would not be exceeded. The population counts and interference calculations were calculated using U.S. Census 2000 data. Exhibit 3 depicts the interference percentage that the proposed WENH-DT Channel \*11 DTV TOA facility would cause to the WWLP-DT station and Exhibit 4 depicts the interference percentage that the Final WENH-DT Channel \*11 DTV TOA facility would cause to the WWLP-DT station. It can be seen that the interference from the proposed WENH-DT Channel \*11 DTV TOA facility to the WWLP-DT facility and the interference from the Final WENH-DT Channel \*11 DTV TOA facility to the WWLP-DT facility would be exactly the same. Therefore, UNH respectfully



requests that the assigned ERP in the proposed DTV TOA be changed from 8.27 kW to 16 kW and the assigned antenna azimuth pattern be changed from directional pattern authorized by the FCC in the proposed DTV TOA to the directional pattern and orientation depicted in Exhibit 5 so that it can serve the population now served with its licensed analog facility as closely as possible with its post-transition facility without suffering a 14.9% loss in service population.

In conclusion, UNH requests that the ERP assigned to the WENH-DT Channel \*11 post-transition facility in the proposed DTV TOA be changed to 16 kW and the assigned antenna azimuth pattern be changed to the directional pattern and orientation proposed in Exhibit 5 so that WENH will be able to serve as closely as possible, the population its NTSC facility currently serves. The 8.27 kW ERP assigned to WENH in the proposed DTV TOA would result in hundreds of thousands of viewers losing service which would not be in the public's best interest and could actually result in unfavorable reviews from the public with respect to digital television service.

### **Certification**

This technical statement was prepared by William T. Godfrey, Jr., Telecommunications Technical Consultant with Kessler and Gehman Associates, Inc. having offices in Gainesville, Florida and has been working in the field of radio and television broadcast consulting since 1998. He graduated from the University of North Florida with a Bachelor of Arts degree in Criminal Justice and a minor in Mathematics in 1993. As a Professional in the field of Telecommunications he states under penalty of perjury that the information contained in this report is true and correct to the best of his knowledge and belief.

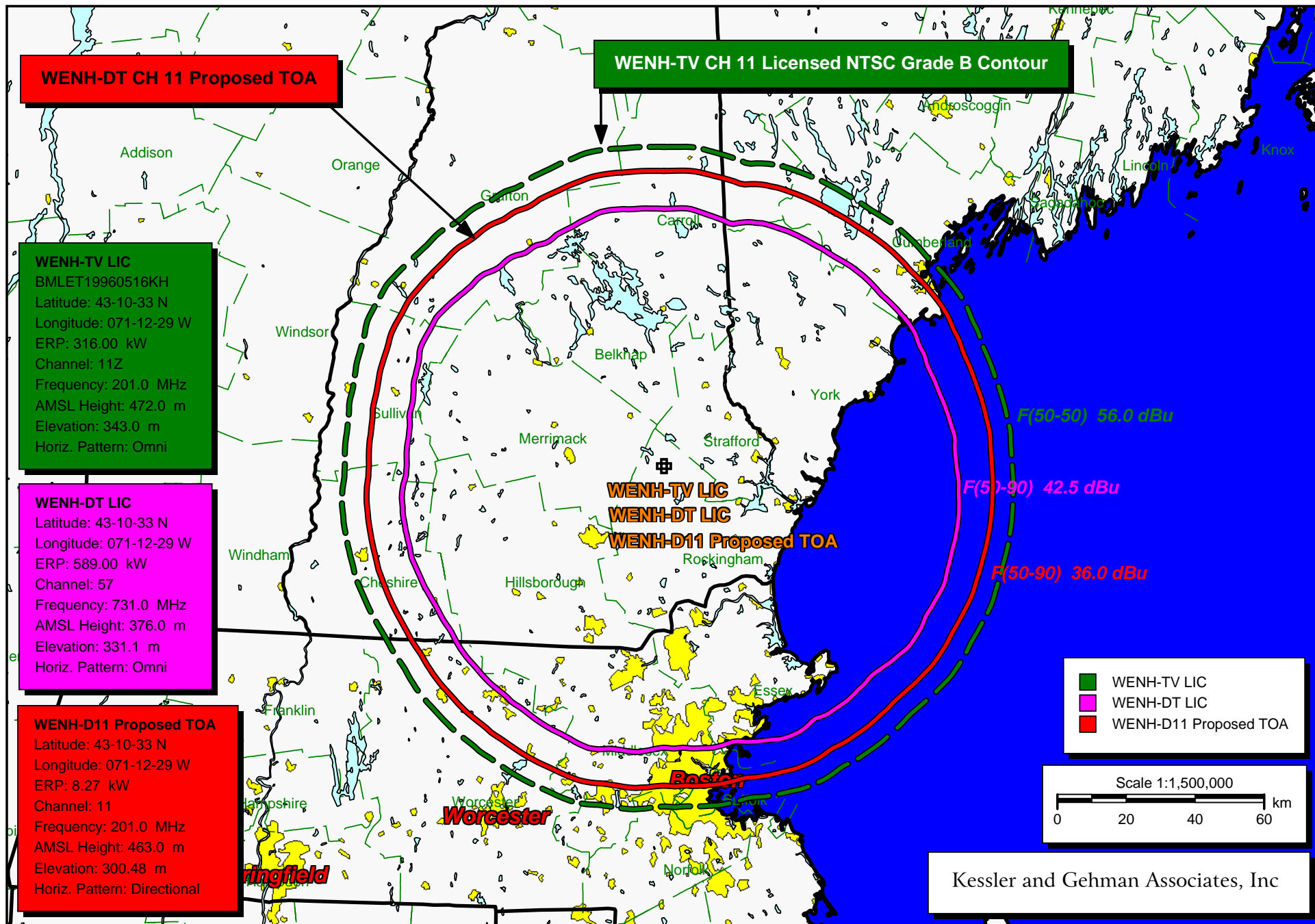
The logo for Kessler and Gehman Associates, Inc. (KGA) features the letters 'KGA' in a large, stylized, serif font. The letters are white with a black outline and are set against a dark gray rectangular background.

KESSLER AND GEHMAN ASSOCIATES, INC.

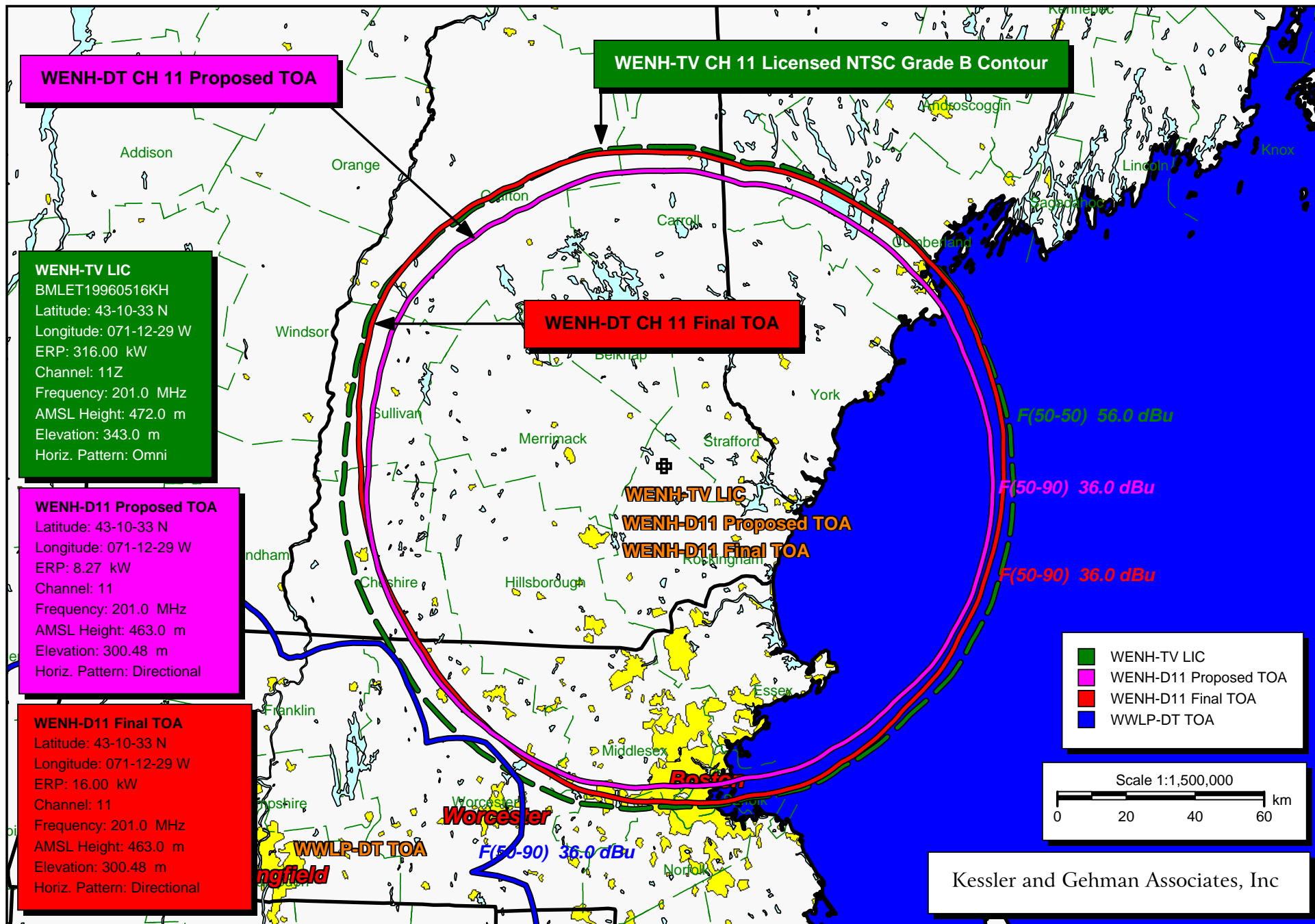
A handwritten signature in blue ink, reading 'William T. Godfrey, Jr.', is written over a horizontal line.

WILLIAM T. GODFREY, JR.  
Telecommunications Technical Consultant

8 January, 2007



WENH-DT Proposed DTV Table of Allotments Verification



WENH-DT replicates most of NTSC with 16 kW ERP and protects WWLP-DT with proposed directional antenna EXHIBIT 2

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 12-28-2006 Time: 11:57:43

Record Selected for Analysis

WENH-D11 USERRECORD-01 DURHAM NH US  
Channel 11 ERP 8.27 kW HAAT 305. m RCAMSL 00463 m  
Latitude 043-10-33 Longitude 0071-12-29  
Status APP Zone 1 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 0.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50,90) (km)
0.0	5.615	247.5	85.5
45.0	7.222	311.2	90.7
90.0	8.220	357.4	95.1
135.0	8.253	362.5	95.6
180.0	7.765	331.4	92.7
225.0	7.176	311.2	90.6
270.0	5.615	247.7	85.5
315.0	5.947	271.6	87.1

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WENH-D11 11 DURHAM NH USERRECORD01

and station

SHORT TO: WWLP-DT 11 SPRINGFIELD MA DTVPLN DTVP0084  
 42-05-05 72-42-14  
 Req. separation 244.6 Actual separation 172.5 Short 72.1 km

SHORT TO: WWLP 11 SPRINGFIELD MA BLCDT 20060619AAS  
 042-05- 5 0072-42-14  
 Req. separation 244.6 Actual separation 172.5 Short 72.1 km

SHORT TO: WENH-TV 11 DURHAM NH BMLET 19960516KH  
 043-10-33 0071-12-29  
 Req. separation 244.6 Actual separation 0.0 Short 244.6 km

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance  
 Distance to border = 206.3km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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 Start of Interference Analysis

Channel	Proposed Station Call City/State	ARN
11	WENH-D11 DURHAM NH	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WWDP	NORWELL MA	130.2	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	145.3	LIC	BMLET	-20020917AAU
10	WJAR	PROVIDENCE RI	145.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	172.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	172.2	LIC	BLCDT	-20060619AAS
11	WPIX	NEW YORK NY	354.2	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	358.8	LIC	BLCT	-19810826KH
12	WTXX	WATERBURY CT	211.0	CP MOD	BMPCDT	-20040608ABI
12	WPRI-TV	PROVIDENCE RI	144.5	LIC	BLCT	-1750

%%%

Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	WWDP	NORWELL MA	BPRM	-20060426AAW

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WEDN	NORWICH CT	107.8	APP	BPRM	-20040109AEI
09	WMUR-TV	MANCHESTER NH	117.0	CP	BPCT	-20050218AAU
10	WTNH	NEW HAVEN CT	171.1	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	171.1	PLN	DTVPLN	-DTVP0068
10	WCBB	AUGUSTA ME	252.6	LIC	BMLET	-20020917AAU
10	WTEN	ALBANY NY	252.5	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	413.9	LIC	BLCT	-20041119AEQ
10	WJAR	PROVIDENCE RI	25.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	137.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	137.2	LIC	BLCDT	-20060619AAS
11	WENHTV	DURHAM NH	130.2	PLN	DTVPLN	-NPLN0728
11	WENH-D11	DURHAM NH	130.2	APP	USERRECORD-01	

Total scenarios = 6

Result key: 1  
Scenario 1 Affected station 1  
Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 1

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 1

9N NH MANCHESTER	BPCT	20050218AAU	CP	
10N ME AUGUSTA	BMLET	20020917AAU	LIC	
10N NY ALBANY	BLCT	1285	LIC	
10N RI PROVIDENCE	BLCT	2395	LIC	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:		0.0	to BPRM	20060426AAW

Result key: 2  
Scenario 2 Affected station 1  
Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	96851	1029.7
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 2

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	96851	1029.7
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 2

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		0.0	to BPRM 20060426AAW
*Percent Service lost with proposal:		0.0	to BPRM 20060426AAW

Result key: 3  
 Scenario 3 Affected station 1  
 Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 3

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 3

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:	0.0	to BPRM	20060426AAW

Result key: 4  
 Scenario 4 Affected station 1  
 Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4



lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	96851	1029.7
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 4

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	96851	1029.7
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 4

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:	0.0	to BPRM	20060426AAW

Result key: 5  
Scenario 5 Affected station 1  
Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 5

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC

10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC

#### After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 5

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:	0.0	to BPRM	20060426AAW

Result key: 6  
 Scenario 6 Affected station 1  
 Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	96851	1029.7
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 6

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

#### After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4

lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	96851	1029.7
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 6

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:	0.0	to BPRM	20060426AAW

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Analysis of Interference to Affected Station 2

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
10	WCBB	AUGUSTA ME	DTVPLN	-NPLN0653

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WMURTV	MANCHESTER NH	182.0	PLN	DTVPLN	-NPLN0612
10	WTNH-DT	NEW HAVEN CT	386.9	PLN	DTVPLN	-DTVP0068
10	WMENTV	PRESQUE ISLE ME	317.0	PLN	DTVPLN	-NPLN0654
10	WTEN	ALBANY NY	363.5	PLN	DTVPLN	-NPLN0671
10	WJAR	PROVIDENCE RI	274.8	PLN	DTVPLN	-NPLN0679
11	WENHTV	DURHAM NH	145.3	PLN	DTVPLN	-NPLN0728

Results for: 10N ME AUGUSTA	DTVPLN	NPLN0653	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	863167	28787.3	
not affected by terrain losses	814133	25546.9	
lost to NTSC IX	38382	1244.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	38382	1244.1	

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	WCBB	AUGUSTA ME	BMLET	-20020917AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WMEB-TV	ORONO ME	95.8	LIC	BLEDT	-20020508AAS
09	WMEB-TV	ORONO ME	95.8	LIC	BPRM	-20000616AAA
09	WMUR-TV	MANCHESTER NH	182.0	CP	BPCT	-20050218AAU
10	WTNH	NEW HAVEN CT	386.9	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	386.9	PLN	DTVPLN	-DTVP0068

10	WWDP	NORWELL MA	252.6	APP	BPRM	-20060426AAW
10	WMED-TV	CALAIS ME	233.8	LIC	BPRM	-20010626AAZ
10	WMED-TV	CALAIS ME	233.8	LIC	BLEDT	-20030307AAM
10	WMEM-TV	PRESQUE ISLE ME	317.0	LIC	BLET	-20010403ABJ
10	WTEN	ALBANY NY	363.5	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	274.8	LIC	BLCT	-2395
11	WENH-TV	DURHAM NH	145.3	LIC	BMLET	-19960516KH
11	WENH-D11	DURHAM NH	145.3	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 3

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
10	WJAR	PROVIDENCE RI	DTVPLN	-NPLN0679

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WMURTV	MANCHESTER NH	126.7	PLN	DTVPLN	-NPLN0612
10	WTNH-DT	NEW HAVEN CT	146.7	PLN	DTVPLN	-DTVP0068
10	WCBB	AUGUSTA ME	274.8	PLN	DTVPLN	-NPLN0653
10	WTEN	ALBANY NY	239.0	PLN	DTVPLN	-NPLN0671
10	WCAU	PHILADELPHIA PA	388.4	PLN	DTVPLN	-NPLN0678
11	WWLP-DT	SPRINGFIELD MA	119.6	PLN	DTVPLN	-DTVP0084
11	WENHTV	DURHAM NH	145.8	PLN	DTVPLN	-NPLN0728

Results for: 10N RI PROVIDENCE	DTVPLN	NPLN0679	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	785220	3541.6	
lost to additional IX by ATV	178448	3232.4	
lost to all IX	963668	6773.9	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	WJAR	PROVIDENCE RI	BLCT	-2395

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WEDN	NORWICH CT	82.5	APP	BPRM	-20040109AEI
09	WMUR-TV	MANCHESTER NH	126.8	CP	BPCT	-20050218AAU
10	WTNH	NEW HAVEN CT	146.7	LIC	BLCDDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	146.7	PLN	DTVPLN	-DTVP0068
10	WWDP	NORWELL MA	25.8	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	274.8	LIC	BMLET	-20020917AAU
10	WTEN	ALBANY NY	239.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	388.5	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	119.6	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	119.6	LIC	BLCDDT	-20060619AAS
11	WENH-TV	DURHAM NH	145.8	LIC	BMLET	-19960516KH

11 WENH-D11 DURHAM NH 145.8 APP USERRECORD-01  
 Proposal causes no interference

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#### Analysis of Interference to Affected Station 4

#### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
11	WWLP-DT	SPRINGFIELD MA	DTVPLN	-DTVP0084

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	122.8	PLN	DTVPLN	-NPLN0671
10	WJAR	PROVIDENCE RI	119.6	PLN	DTVPLN	-NPLN0679
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	187.6	PLN	DTVPLN	-NPLN0731
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
12	WTXX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WPRITV	PROVIDENCE RI	119.7	PLN	DTVPLN	-NPLN0793

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	221298	1637.7
lost to additional IX by ATV	98662	216.2
lost to ATV IX only	218843	592.6
lost to all IX	319960	1853.9

#### NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
22	WWLP	SPRINGFIELD MA	DTVPLN	-NPLN1144

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WNYT-DT	ALBANY NY	108.7	PLN	DTVPLN	-DTVP0183
18	WMFP-DT	LAWRENCE MA	138.6	PLN	DTVPLN	-DTVP0307
19	WCDCTV	ADAMS MA	72.3	PLN	DTVPLN	-NPLN1045
19	WGBH-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0356
20	WTXX	WATERBURY CT	68.2	PLN	DTVPLN	-NPLN1070
20	WCVB-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0399
21	WNBH	CONCORD NH	166.6	PLN	DTVPLN	-NPLN1116
21	WLIW	GARDEN CITY NY	157.0	PLN	DTVPLN	-NPLN1120
21	WRNN-DT	KINGSTON NY	115.2	PLN	DTVPLN	-DTVP0450
21	WSBE-DT	PROVIDENCE RI	106.4	PLN	DTVPLN	-DTVP0455
22	WLWC-DT	NEW BEDFORD MA	150.8	PLN	DTVPLN	-DTVP0484
22	WNJS-DT	CAMDEN NJ	317.7	PLN	DTVPLN	-DTVP0496
22	WLIW-DT	GARDEN CITY NY	157.0	PLN	DTVPLN	-DTVP0499
22	WYOU	SCRANTON PA	281.8	PLN	DTVPLN	-NPLN1154
22	WVNY	BURLINGTON VT	271.7	PLN	DTVPLN	-NPLN1160

23	WHSB-DT	MARLBOROUGH MA	105.0	PLN	DTVPLN	-DTVP0527
23	WXXATV	ALBANY NY	122.7	PLN	DTVPLN	-NPLN1184
23	WHSI-DT	SMITHTOWN NY	134.4	PLN	DTVPLN	-DTVP0537
24	WEDH	HARTFORD CT	35.5	PLN	DTVPLN	-NPLN1202
25	WFXT	BOSTON MA	124.7	PLN	DTVPLN	-NPLN1247
26	WTWS	NEW LONDON CT	85.1	PLN	DTVPLN	-NPLN1268
26	WTEN-DT	ALBANY NY	122.8	PLN	DTVPLN	-DTVP0647
29	WUNI-DT	WORCESTER MA	86.0	PLN	DTVPLN	-DTVP0746
30	WVIT	NEW BRITAIN CT	44.0	PLN	DTVPLN	-NPLN1377
30	WBZ-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0791
36	WCDC-DT	ADAMS MA	72.3	PLN	DTVPLN	-DTVP1018
36	WSBETV	PROVIDENCE RI	106.4	PLN	DTVPLN	-NPLN1528

Results for: 22N MA SPRINGFIELD			DTVPLN	NPLN1144	PLN
		POPULATION	AREA (sq km)		
	within Noise Limited Contour	2869372	16913.3		
	not affected by terrain losses	2395095	14002.3		
	lost to NTSC IX	283155	1657.7		
	lost to additional IX by ATV	83439	1069.1		
	lost to all IX	366594	2726.8		

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WWLP-DT	SPRINGFIELD MA	DTVPLN	-DTVP0084

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH	NEW HAVEN CT	76.4	LIC	BLCDDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN	-DTVP0068
10	WWDP	NORWELL MA	137.2	APP	BPRM	-20060426AAW
10	WTEN	ALBANY NY	122.8	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	119.6	LIC	BLCT	-2395
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	183.0	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	187.6	LIC	BLCT	-19810826KH
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	281.8	LIC	BLCDDT	-20051123AJX
12	WTTX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WTTX	WATERBURY CT	43.7	CP MOD	BMPCDDT	-20040608ABI
12	WNYT-DR	ALBANY NY	123.3	LIC	BPRM	-20000413AAC
12	WNYT	ALBANY NY	123.0	LIC	BLCDDT	-20031022ABL
12	WPRI-TV	PROVIDENCE RI	119.7	LIC	BLCT	-1750
11	WENH-D11	DURHAM NH	172.2	APP	USERRECORD-01	

Total scenarios = 32

Result key: 7  
Scenario 1 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD			DTVPLN	DTVP0084	PLN
HAAT	268.0 m, ATV ERP	3.2 kW			
		POPULATION	AREA (sq km)		
	within Noise Limited Contour	2913509	17561.9		
	not affected by terrain losses	2483771	14999.3		

lost to NTSC IX	123131	848.9
lost to additional IX by ATV	159847	408.4
lost to ATV IX only	228073	688.7
lost to all IX	282978	1257.3

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLC DT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	189701	736.8
lost to ATV IX only	289351	1273.3
lost to all IX	312832	1585.6

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLC DT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.7	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.3	to DTVPLN	DTVP0084

Result key: 8  
 Scenario 2 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	159888	384.4
lost to ATV IX only	228114	664.7
lost to all IX	283019	1233.3

Potential Interfering Stations Included in above Scenario 2

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLC DT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN

12A NY ALBANY                      BLCDT              20031022ABL    LIC

After Analysis

Results for: 11A MA SPRINGFIELD              DTVPLN              DTVP0084              PLN

HAAT    268.0 m, ATV ERP      3.2 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	189742	712.7
lost to ATV IX only	289392	1249.3
lost to all IX	312873	1561.6

Potential Interfering Stations Included in above Scenario              2

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.7	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.3	to DTVPLN	DTVP0084

Result key:              9  
Scenario              3    Affected station              4  
Before Analysis

Results for: 11A MA SPRINGFIELD              DTVPLN              DTVP0084              PLN

HAAT    268.0 m, ATV ERP      3.2 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	189737	504.5
lost to ATV IX only	261700	820.8
lost to all IX	312868	1353.4

Potential Interfering Stations Included in above Scenario              3

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD              DTVPLN              DTVP0084              PLN

HAAT    268.0 m, ATV ERP      3.2 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	219591	836.9



lost to ATV IX only	321587	1393.4
lost to all IX	342722	1685.7

Potential Interfering Stations Included in above Scenario 3

11N NY NEW YORK	BLCT	19810826KH	LIC	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-0.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		1.1	to DTVPLN	DTVP0084

Result key: 10  
Scenario 4 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	189778	480.5
lost to ATV IX only	261741	796.8
lost to all IX	312909	1329.4

Potential Interfering Stations Included in above Scenario 4

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	219632	812.8
lost to ATV IX only	321628	1369.4
lost to all IX	342763	1661.7

Potential Interfering Stations Included in above Scenario 4

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP

*Percent Service lost without proposal:	-0.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.1	to DTVPLN	DTVP0084

Result key: 11  
Scenario 5 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	160934	456.5	
lost to ATV IX only	231748	784.8	
lost to all IX	284065	1305.3	

Potential Interfering Stations Included in above Scenario 5

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	190268	768.8	
lost to ATV IX only	292164	1337.4	
lost to all IX	313399	1617.7	

Potential Interfering Stations Included in above Scenario 5

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.7	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.3	to DTVPLN	DTVP0084

Result key: 12  
Scenario 6 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	

within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	160803	440.4
lost to ATV IX only	231617	768.8
lost to all IX	283934	1289.3

Potential Interfering Stations Included in above Scenario 6

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	190137	752.8
lost to ATV IX only	292033	1321.3
lost to all IX	313268	1601.6

Potential Interfering Stations Included in above Scenario 6

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.7	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.3	to DTVPLN	DTVP0084

Result key: 13  
 Scenario 7 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	191243	560.6
lost to ATV IX only	265794	924.9
lost to all IX	314374	1409.4

Potential Interfering Stations Included in above Scenario 7

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC

11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	220322	872.9	
lost to ATV IX only	324564	1461.5	
lost to all IX	343453	1721.8	

Potential Interfering Stations Included in above Scenario 7

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.1	to DTVPLN	DTVP0084

Result key: 14  
Scenario 8 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	191112	544.6	
lost to ATV IX only	265663	908.9	
lost to all IX	314243	1393.4	

Potential Interfering Stations Included in above Scenario 8

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	

lost to NTSC IX	123131	848.9
lost to additional IX by ATV	220191	856.9
lost to ATV IX only	324433	1445.5
lost to all IX	343322	1705.7

Potential Interfering Stations Included in above Scenario 8

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLC DT	20040701AEC	LIC
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLC DT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.1	to DTVPLN	DTVP0084

Result key: 15  
 Scenario 9 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	151206	380.4
lost to ATV IX only	219182	652.7
lost to all IX	274337	1229.3

Potential Interfering Stations Included in above Scenario 9

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	181060	708.7
lost to ATV IX only	280460	1237.3
lost to all IX	304191	1557.6

Potential Interfering Stations Included in above Scenario 9

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN

12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:	-2.1	to DTVPLN	DTVP0084	
*Percent Service lost with proposal:	-0.7	to DTVPLN	DTVP0084	

Result key: 16  
Scenario 10 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	151247	356.4	
lost to ATV IX only	219223	628.6	
lost to all IX	274378	1205.2	

Potential Interfering Stations Included in above Scenario 10

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	181101	684.7	
lost to ATV IX only	280501	1213.2	
lost to all IX	304232	1533.6	

Potential Interfering Stations Included in above Scenario 10

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-2.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.7	to DTVPLN	DTVP0084

Result key: 17  
Scenario 11 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
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HAAT 268.0 m, ATV ERP 3.2 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	184956	476.5
lost to ATV IX only	256691	784.8
lost to all IX	308087	1325.4

Potential Interfering Stations Included in above Scenario 11

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	214878	812.8	
lost to ATV IX only	316834	1365.4	
lost to all IX	338009	1661.7	

Potential Interfering Stations Included in above Scenario 11

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.5	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.8	to DTVPLN	DTVP0084

Result key: 18  
Scenario 12 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	184997	452.5	
lost to ATV IX only	256732	760.8	
lost to all IX	308128	1301.3	

Potential Interfering Stations Included in above Scenario 12

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	214919	788.8	
lost to ATV IX only	316875	1341.4	
lost to all IX	338050	1637.7	

Potential Interfering Stations Included in above Scenario 12

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.5	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.8	to DTVPLN	DTVP0084

Result key: 19  
 Scenario 13 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	152299	432.4	
lost to ATV IX only	222863	752.8	
lost to all IX	275430	1281.3	

Potential Interfering Stations Included in above Scenario 13

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	



within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	181633	744.8
lost to ATV IX only	283279	1305.3
lost to all IX	304764	1593.6

Potential Interfering Stations Included in above Scenario 13

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-2.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.7	to DTVPLN	DTVP0084

Result key: 20  
 Scenario 14 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	152168	416.4
lost to ATV IX only	222732	736.8
lost to all IX	275299	1265.3

Potential Interfering Stations Included in above Scenario 14

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	181502	728.7
lost to ATV IX only	283148	1289.3
lost to all IX	304633	1577.6

Potential Interfering Stations Included in above Scenario 14

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-2.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		-0.7	to DTVPLN	DTVP0084

Result key: 21  
Scenario 15 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	186462	532.5	
lost to ATV IX only	260785	888.9	
lost to all IX	309593	1381.4	

Potential Interfering Stations Included in above Scenario 15

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	215609	848.9	
lost to ATV IX only	319811	1433.5	
lost to all IX	338740	1697.7	

Potential Interfering Stations Included in above Scenario 15

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		-0.5	to DTVPLN DTVP0084
*Percent Service lost with proposal:		0.9	to DTVPLN DTVP0084

Result key: 22  
Scenario 16 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	186331	516.5
lost to ATV IX only	260654	872.9
lost to all IX	309462	1365.4

Potential Interfering Stations Included in above Scenario 16

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	215478	832.8
lost to ATV IX only	319680	1417.4
lost to all IX	338609	1681.7

Potential Interfering Stations Included in above Scenario 16

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.5	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.9	to DTVPLN	DTVP0084

Result key: 23  
 Scenario 17 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158282	380.4
lost to ATV IX only	228073	688.7
lost to all IX	292584	1369.4

Potential Interfering Stations Included in above Scenario 17

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180381	676.7
lost to ATV IX only	289351	1273.3
lost to all IX	314683	1665.7

Potential Interfering Stations Included in above Scenario 17

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.2	to DTVPLN	DTVP0084

Result key: 24  
 Scenario 18 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158323	356.4
lost to ATV IX only	228114	664.7
lost to all IX	292625	1345.4

Potential Interfering Stations Included in above Scenario 18

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180422	652.7
lost to ATV IX only	289392	1249.3
lost to all IX	314724	1641.7

Potential Interfering Stations Included in above Scenario 18

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-1.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		-0.2	to DTVPLN	DTVP0084

Result key: 25  
Scenario 19 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	188636	484.5
lost to ATV IX only	261700	820.8
lost to all IX	322938	1473.5

Potential Interfering Stations Included in above Scenario 19

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT 268.0 m, ATV ERP 3.2 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	210486	776.8
lost to ATV IX only	321587	1393.4
lost to all IX	344788	1765.8

Potential Interfering Stations Included in above Scenario 19

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		0.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		1.1	to DTVPLN	DTVP0084

Result key: 26  
Scenario 20 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	134302	989.0	
lost to additional IX by ATV	188677	460.5	
lost to ATV IX only	261741	796.8	
lost to all IX	322979	1449.5	

Potential Interfering Stations Included in above Scenario 20

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	134302	989.0	
lost to additional IX by ATV	210527	752.8	
lost to ATV IX only	321628	1369.4	
lost to all IX	344829	1741.8	

Potential Interfering Stations Included in above Scenario 20

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		0.1	to DTVPLN DTVP0084
*Percent Service lost with proposal:		1.1	to DTVPLN DTVP0084

Result key: 27

Scenario 21 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158707	404.4
lost to ATV IX only	231748	784.8
lost to all IX	293009	1393.4

Potential Interfering Stations Included in above Scenario 21

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDD	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDD	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180776	692.7
lost to ATV IX only	292164	1337.4
lost to all IX	315078	1681.7

Potential Interfering Stations Included in above Scenario 21

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDD	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDD	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.2	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.2	to DTVPLN	DTVP0084

Result key: 28

Scenario 22 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158576	388.4
lost to ATV IX only	231617	768.8

lost to all IX 292878 1377.4

Potential Interfering Stations Included in above Scenario 22

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180645	676.7
lost to ATV IX only	292033	1321.3
lost to all IX	314947	1665.7

Potential Interfering Stations Included in above Scenario 22

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.2	to DTVPLN	DTVP0084

Result key: 29  
 Scenario 23 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	189225	512.5
lost to ATV IX only	265794	924.9
lost to all IX	323527	1501.5

Potential Interfering Stations Included in above Scenario 23

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis



Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	211045	796.8
lost to ATV IX only	324564	1461.5
lost to all IX	345347	1785.8

Potential Interfering Stations Included in above Scenario 23

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.2	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.2	to DTVPLN	DTVP0084

Result key: 30  
 Scenario 24 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	189094	496.5
lost to ATV IX only	265663	908.9
lost to all IX	323396	1485.5

Potential Interfering Stations Included in above Scenario 24

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	210914	780.8
lost to ATV IX only	324433	1445.5
lost to all IX	345216	1769.8

Potential Interfering Stations Included in above Scenario 24

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	BMPCDDT	20040608ABI	CP	
12A NY ALBANY	BLCDDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		0.2	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		1.2	to DTVPLN	DTVP0084

Result key: 31  
 Scenario 25 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	134302	989.0	
lost to additional IX by ATV	149890	356.4	
lost to ATV IX only	219182	652.7	
lost to all IX	284192	1345.4	

Potential Interfering Stations Included in above Scenario 25

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	134302	989.0	
lost to additional IX by ATV	171989	652.7	
lost to ATV IX only	280460	1237.3	
lost to all IX	306291	1641.7	

Potential Interfering Stations Included in above Scenario 25

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		-1.7	to DTVPLN DTVP0084
*Percent Service lost with proposal:		-0.6	to DTVPLN DTVP0084

Result key: 32  
 Scenario 26 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	149931	332.3
lost to ATV IX only	219223	628.6
lost to all IX	284233	1321.3

Potential Interfering Stations Included in above Scenario 26

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	172030	628.6
lost to ATV IX only	280501	1213.2
lost to all IX	306332	1617.7

Potential Interfering Stations Included in above Scenario 26

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.7	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.6	to DTVPLN	DTVP0084

Result key: 33  
 Scenario 27 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0

lost to additional IX by ATV	184172	464.5
lost to ATV IX only	256691	784.8
lost to all IX	318474	1453.5

Potential Interfering Stations Included in above Scenario 27

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	206022	756.8
lost to ATV IX only	316834	1365.4
lost to all IX	340324	1745.8

Potential Interfering Stations Included in above Scenario 27

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.9	to DTVPLN	DTVP0084

Result key: 34  
 Scenario 28 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	184213	440.4
lost to ATV IX only	256732	760.8
lost to all IX	318515	1429.5

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	206063	732.7
lost to ATV IX only	316875	1341.4
lost to all IX	340365	1721.8

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.9	to DTVPLN	DTVP0084

Result key: 35  
 Scenario 29 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	150321	384.4
lost to ATV IX only	222863	752.8
lost to all IX	284623	1373.4

Potential Interfering Stations Included in above Scenario 29

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	172390	672.7
lost to ATV IX only	283279	1305.3

lost to all IX 306692 1661.7

Potential Interfering Stations Included in above Scenario 29

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-1.6	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		-0.6	to DTVPLN	DTVP0084

Result key: 36  
 Scenario 30 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	150190	368.4
lost to ATV IX only	222732	736.8
lost to all IX	284492	1357.4

Potential Interfering Stations Included in above Scenario 30

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	172259	656.7
lost to ATV IX only	283148	1289.3
lost to all IX	306561	1645.7

Potential Interfering Stations Included in above Scenario 30

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-1.6	to DTVPLN	DTVP0084

\*Percent Service lost with proposal: -0.6 to DTVPLN DTVP0084

Result key: 37  
 Scenario 31 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	184761	492.5
lost to ATV IX only	260785	888.9
lost to all IX	319063	1481.5

Potential Interfering Stations Included in above Scenario 31

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	206581	776.8
lost to ATV IX only	319811	1433.5
lost to all IX	340883	1765.8

Potential Interfering Stations Included in above Scenario 31

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.0	to DTVPLN	DTVP0084

Result key: 38  
 Scenario 32 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9

not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	184630	476.5
lost to ATV IX only	260654	872.9
lost to all IX	318932	1465.5

Potential Interfering Stations Included in above Scenario 32

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	206450	760.8
lost to ATV IX only	319680	1417.4
lost to all IX	340752	1749.8

Potential Interfering Stations Included in above Scenario 32

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.0	to DTVPLN	DTVP0084

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Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WWLP	SPRINGFIELD MA	BLCDT	-20060619AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH	NEW HAVEN CT	76.4	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN	-DTVP0068
10	WWDP	NORWELL MA	137.2	APP	BPRM	-20060426AAW
10	WTEN	ALBANY NY	122.8	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	119.6	LIC	BLCT	-2395
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728



11	WPIX	NEW YORK NY	183.0	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	187.6	LIC	BLCT	-19810826KH
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	281.8	LIC	BLCDDT	-20051123AJX
12	WTTX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WTTX	WATERBURY CT	43.7	CP MOD	BMPCDDT	-20040608ABI
12	WNYT-DR	ALBANY NY	123.3	LIC	BPRM	-20000413AAC
12	WNYT	ALBANY NY	123.0	LIC	BLCDDT	-20031022ABL
12	WPRI-TV	PROVIDENCE RI	119.7	LIC	BLCT	-1750
11	WENH-D11	DURHAM NH	172.2	APP	USERRECORD-01	

Total scenarios = 32

Result key: 39  
 Scenario 1 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	226005	432.3
lost to ATV IX only	301935	844.6
lost to all IX	374244	1409.0

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	245230	708.5
lost to ATV IX only	350100	1308.9
lost to all IX	393469	1685.2

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal: -12.0 to BLCDDT 20060619AAS			

\*Percent Service lost with proposal: -11.1 to BLCDT 20060619AAS

Result key: 40  
 Scenario 2 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	225988	428.3
lost to ATV IX only	301918	836.6
lost to all IX	374227	1405.0

Potential Interfering Stations Included in above Scenario 2

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	245213	704.5
lost to ATV IX only	350083	1300.9
lost to all IX	393452	1681.1

Potential Interfering Stations Included in above Scenario 2

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-12.0	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-11.1	to BLCDT	20060619AAS

Result key: 41  
 Scenario 3 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9

not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	243118	508.3
lost to ATV IX only	320787	928.6
lost to all IX	391357	1485.0

Potential Interfering Stations Included in above Scenario 3

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	262566	788.5
lost to ATV IX only	369291	1401.0
lost to all IX	410805	1765.2

Potential Interfering Stations Included in above Scenario 3

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.2	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-10.3	to BLCDDT	20060619AAS

Result key: 42  
 Scenario 4 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	243101	504.3
lost to ATV IX only	320770	920.6
lost to all IX	391340	1481.0

Potential Interfering Stations Included in above Scenario 4

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN

12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	262549	784.5
lost to ATV IX only	369274	1393.0
lost to all IX	410788	1761.2

Potential Interfering Stations Included in above Scenario 4

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.2	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-10.3	to BLCDT	20060619AAS

Result key: 43  
 Scenario 5 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	228749	456.3
lost to ATV IX only	306932	900.6
lost to all IX	376988	1433.0

Potential Interfering Stations Included in above Scenario 5

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7

lost to additional IX by ATV	247962	728.5
lost to ATV IX only	353088	1340.9
lost to all IX	396201	1705.2

Potential Interfering Stations Included in above Scenario 5

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.8	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-11.0	to BLCDDT	20060619AAS

Result key: 44  
 Scenario 6 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	228749	456.3
lost to ATV IX only	306932	900.6
lost to all IX	376988	1433.0

Potential Interfering Stations Included in above Scenario 6

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	247962	728.5
lost to ATV IX only	353088	1340.9
lost to all IX	396201	1705.2

Potential Interfering Stations Included in above Scenario 6

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

11A NH DURHAM                      USERRECORD01                      APP  
 \*Percent Service lost without proposal:    -11.8    to BLCDT                      20060619AAS  
 \*Percent Service lost with proposal:       -11.0    to BLCDT                      20060619AAS

Result key:                      45  
 Scenario                      7    Affected station                      5  
 Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT                      20060619AAS    LIC  
           HAAT    247.0 m, ATV ERP    10.0 kW  
    POPULATION                      AREA (sq km)  
           within Noise Limited Contour                      3426452                      21778.9  
           not affected by terrain losses                      2797190                      17880.2  
           lost to NTSC IX                      148239                      976.7  
           lost to additional IX by ATV                      245862                      532.4  
           lost to ATV IX only                      325784                      984.7  
           lost to all IX                      394101                      1509.0

Potential Interfering Stations Included in above Scenario                      7

11N NY NEW YORK                      BLCT                      19810826KH                      LIC  
 10A CT NEW HAVEN                      BLCDT                      20040701AEC                      LIC  
 11A PA WILKES-BARRE                      BLCDT                      20051123AJX                      LIC  
 12A CT WATERBURY                      BMPCDT                      20040608ABI                      CP  
 12A NY ALBANY                      BPRM                      20000413AAC                      LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT                      20060619AAS    LIC  
           HAAT    247.0 m, ATV ERP    10.0 kW  
    POPULATION                      AREA (sq km)  
           within Noise Limited Contour                      3426452                      21778.9  
           not affected by terrain losses                      2797190                      17880.2  
           lost to NTSC IX                      148239                      976.7  
           lost to additional IX by ATV                      265298                      808.6  
           lost to ATV IX only                      372279                      1433.0  
           lost to all IX                      413537                      1785.2

Potential Interfering Stations Included in above Scenario                      7

11N NY NEW YORK                      BLCT                      19810826KH                      LIC  
 10A CT NEW HAVEN                      BLCDT                      20040701AEC                      LIC  
 11A PA WILKES-BARRE                      BLCDT                      20051123AJX                      LIC  
 12A CT WATERBURY                      BMPCDT                      20040608ABI                      CP  
 12A NY ALBANY                      BPRM                      20000413AAC                      LIC  
 11A NH DURHAM                      USERRECORD01                      APP  
 \*Percent Service lost without proposal:    -11.1    to BLCDT                      20060619AAS  
 \*Percent Service lost with proposal:       -10.2    to BLCDT                      20060619AAS

Result key:                      46  
 Scenario                      8    Affected station                      5  
 Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT                      20060619AAS    LIC  
           HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	245862	532.4
lost to ATV IX only	325784	984.7
lost to all IX	394101	1509.0

Potential Interfering Stations Included in above Scenario 8

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	265298	808.6
lost to ATV IX only	372279	1433.0
lost to all IX	413537	1785.2

Potential Interfering Stations Included in above Scenario 8

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.1	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-10.2	to BLCDDT	20060619AAS

Result key: 47  
Scenario 9 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	217953	408.3
lost to ATV IX only	292960	792.5
lost to all IX	366192	1384.9

Potential Interfering Stations Included in above Scenario 9

11N NY NEW YORK	BLCT	19810826KH	LIC
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10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	237178	684.5
lost to ATV IX only	341148	1260.9
lost to all IX	385417	1661.1

Potential Interfering Stations Included in above Scenario 9

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-12.3	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-11.5	to BLCDT	20060619AAS

Result key: 48  
 Scenario 10 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	217936	404.3
lost to ATV IX only	292943	784.5
lost to all IX	366175	1380.9

Potential Interfering Stations Included in above Scenario 10

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9



not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	237161	680.5
lost to ATV IX only	341131	1252.9
lost to all IX	385400	1657.1

Potential Interfering Stations Included in above Scenario 10

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-12.3	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-11.5	to BLCDDT	20060619AAS

Result key: 49  
 Scenario 11 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	236670	468.3
lost to ATV IX only	312311	852.6
lost to all IX	384909	1445.0

Potential Interfering Stations Included in above Scenario 11

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	256118	748.5
lost to ATV IX only	360838	1328.9
lost to all IX	404357	1725.2

Potential Interfering Stations Included in above Scenario 11

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN

12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-11.5	to BLCDT	20060619AAS
*Percent Service lost with proposal:		-10.6	to BLCDT	20060619AAS

Result key: 50  
Scenario 12 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	236653	464.3
lost to ATV IX only	312294	844.6
lost to all IX	384892	1441.0

Potential Interfering Stations Included in above Scenario 12

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	256101	744.5
lost to ATV IX only	360821	1320.9
lost to all IX	404340	1721.2

Potential Interfering Stations Included in above Scenario 12

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		-11.5	to BLCDT 20060619AAS
*Percent Service lost with proposal:		-10.6	to BLCDT 20060619AAS

Result key: 51  
Scenario 13 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
             HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	220697	432.3
lost to ATV IX only	297980	852.6
lost to all IX	368936	1409.0

Potential Interfering Stations Included in above Scenario      13

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
             HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	239910	704.5
lost to ATV IX only	344136	1292.9
lost to all IX	388149	1681.1

Potential Interfering Stations Included in above Scenario      13

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-12.2	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-11.3	to BLCDT	20060619AAS

Result key:                      52  
 Scenario                      14    Affected station                      5  
 Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
             HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	220697	432.3
lost to ATV IX only	297980	852.6
lost to all IX	368936	1409.0

Potential Interfering Stations Included in above Scenario      14

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	239910	704.5
lost to ATV IX only	344136	1292.9
lost to all IX	388149	1681.1

Potential Interfering Stations Included in above Scenario 14

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-12.2	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-11.3	to BLCDDT	20060619AAS

Result key: 53  
 Scenario 15 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	239414	492.3
lost to ATV IX only	317331	912.6
lost to all IX	387653	1469.0

Potential Interfering Stations Included in above Scenario 15

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	258850	768.5
lost to ATV IX only	363826	1360.9
lost to all IX	407089	1745.2

Potential Interfering Stations Included in above Scenario 15

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.4	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-10.5	to BLCDDT	20060619AAS

Result key: 54  
 Scenario 16 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	239414	492.3
lost to ATV IX only	317331	912.6
lost to all IX	387653	1469.0

Potential Interfering Stations Included in above Scenario 16

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	258850	768.5
lost to ATV IX only	363826	1360.9
lost to all IX	407089	1745.2

Potential Interfering Stations Included in above Scenario 16

11N NY NEW YORK	BLCT	19810826KH	LIC
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10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-11.4	to BLCDT	20060619AAS
*Percent Service lost with proposal:		-10.5	to BLCDT	20060619AAS

Result key: 55  
Scenario 17 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	197177	408.3
lost to ATV IX only	301935	844.6
lost to all IX	385932	1549.1

Potential Interfering Stations Included in above Scenario 17

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	209647	644.4
lost to ATV IX only	350100	1308.9
lost to all IX	398402	1785.2

Potential Interfering Stations Included in above Scenario 17

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		-11.4	to BLCDT 20060619AAS
*Percent Service lost with proposal:		-10.9	to BLCDT 20060619AAS

Result key: 56  
Scenario 18 Affected station 5

Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
             HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	197160	404.3
lost to ATV IX only	301918	836.6
lost to all IX	385915	1545.1

Potential Interfering Stations Included in above Scenario      18

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
             HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	209630	640.4
lost to ATV IX only	350083	1300.9
lost to all IX	398385	1781.2

Potential Interfering Stations Included in above Scenario      18

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.4	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-10.9	to BLCDT	20060619AAS

Result key:              57  
 Scenario              19    Affected station              5  
 Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
             HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228631	488.3
lost to ATV IX only	320787	928.6
lost to all IX	417386	1629.1

Potential Interfering Stations Included in above Scenario 19

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	241101	724.5
lost to ATV IX only	369291	1401.0
lost to all IX	429856	1865.3

Potential Interfering Stations Included in above Scenario 19

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-10.0	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-9.4	to BLCDDT	20060619AAS

Result key: 58  
 Scenario 20 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228614	484.3
lost to ATV IX only	320770	920.6
lost to all IX	417369	1625.1

Potential Interfering Stations Included in above Scenario 20

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis



Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	241084	720.5
lost to ATV IX only	369274	1393.0
lost to all IX	429839	1861.3

Potential Interfering Stations Included in above Scenario 20

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-10.0	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-9.4	to BLCDT	20060619AAS

Result key: 59  
 Scenario 21 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	200007	432.3
lost to ATV IX only	306932	900.6
lost to all IX	388762	1573.1

Potential Interfering Stations Included in above Scenario 21

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	212465	664.5
lost to ATV IX only	353088	1340.9
lost to all IX	401220	1805.2

Potential Interfering Stations Included in above Scenario 21

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:	-11.3	to BLCDDT		20060619AAS
*Percent Service lost with proposal:	-10.7	to BLCDDT		20060619AAS

Result key: 60  
Scenario 22 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	200007	432.3
lost to ATV IX only	306932	900.6
lost to all IX	388762	1573.1

Potential Interfering Stations Included in above Scenario 22

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	212465	664.5
lost to ATV IX only	353088	1340.9
lost to all IX	401220	1805.2

Potential Interfering Stations Included in above Scenario 22

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:	-11.3	to BLCDDT		20060619AAS
*Percent Service lost with proposal:	-10.7	to BLCDDT		20060619AAS

Result key: 61  
 Scenario 23 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	231461	512.3
lost to ATV IX only	325784	984.7
lost to all IX	420216	1653.1

Potential Interfering Stations Included in above Scenario 23

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	243919	744.5
lost to ATV IX only	372279	1433.0
lost to all IX	432674	1885.3

Potential Interfering Stations Included in above Scenario 23

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-9.9	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-9.3	to BLCDT	20060619AAS

Result key: 62  
 Scenario 24 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	231461	512.3

lost to ATV IX only	325784	984.7
lost to all IX	420216	1653.1

Potential Interfering Stations Included in above Scenario 24

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	243919	744.5
lost to ATV IX only	372279	1433.0
lost to all IX	432674	1885.3

Potential Interfering Stations Included in above Scenario 24

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-9.9	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-9.3	to BLCDDT	20060619AAS

Result key: 63  
 Scenario 25 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	189865	388.3
lost to ATV IX only	292960	792.5
lost to all IX	378620	1529.0

Potential Interfering Stations Included in above Scenario 25

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	202358	628.4
lost to ATV IX only	341148	1260.9
lost to all IX	391113	1769.2

Potential Interfering Stations Included in above Scenario 25

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.8	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-11.2	to BLCDT	20060619AAS

Result key: 64  
Scenario 26 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	189848	384.3
lost to ATV IX only	292943	784.5
lost to all IX	378603	1525.0

Potential Interfering Stations Included in above Scenario 26

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	202341	624.4
lost to ATV IX only	341131	1252.9
lost to all IX	391096	1765.2

Potential Interfering Stations Included in above Scenario 26

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-11.8	to BLCDDT	20060619AAS
*Percent Service lost with proposal:		-11.2	to BLCDDT	20060619AAS

Result key: 65  
 Scenario 27 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	225368	460.3
lost to ATV IX only	312311	852.6
lost to all IX	414123	1601.1

Potential Interfering Stations Included in above Scenario 27

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	237861	700.5
lost to ATV IX only	360838	1328.9
lost to all IX	426616	1841.3

Potential Interfering Stations Included in above Scenario 27

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-10.1	to BLCDDT	20060619AAS
*Percent Service lost with proposal:		-9.6	to BLCDDT	20060619AAS

Result key: 66  
 Scenario 28 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	225351	456.3
lost to ATV IX only	312294	844.6
lost to all IX	414106	1597.1

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	237844	696.5
lost to ATV IX only	360821	1320.9
lost to all IX	426599	1837.3

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-10.1	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-9.6	to BLCDT	20060619AAS

Result key: 67  
 Scenario 29 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2

lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	192718	416.3
lost to ATV IX only	297980	852.6
lost to all IX	381473	1557.1

Potential Interfering Stations Included in above Scenario 29

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	205176	648.4
lost to ATV IX only	344136	1292.9
lost to all IX	393931	1789.2

Potential Interfering Stations Included in above Scenario 29

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.6	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-11.1	to BLCDT	20060619AAS

Result key: 68  
Scenario 30 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	192718	416.3
lost to ATV IX only	297980	852.6
lost to all IX	381473	1557.1

Potential Interfering Stations Included in above Scenario 30

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN



12A NY ALBANY                      BLCDT              20031022ABL    LIC

After Analysis

Results for: 11A MA SPRINGFIELD              BLCDT              20060619AAS    LIC

HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	205176	648.4
lost to ATV IX only	344136	1292.9
lost to all IX	393931	1789.2

Potential Interfering Stations Included in above Scenario      30

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:	-11.6	to BLCDT		20060619AAS
*Percent Service lost with proposal:	-11.1	to BLCDT		20060619AAS

Result key:              69

Scenario              31    Affected station              5

Before Analysis

Results for: 11A MA SPRINGFIELD              BLCDT              20060619AAS    LIC

HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228221	488.3
lost to ATV IX only	317331	912.6
lost to all IX	416976	1629.1

Potential Interfering Stations Included in above Scenario      31

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD              BLCDT              20060619AAS    LIC

HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	240679	720.5

lost to ATV IX only	363826	1360.9
lost to all IX	429434	1861.3

Potential Interfering Stations Included in above Scenario 31

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-10.0	to BLCDT	20060619AAS
*Percent Service lost with proposal:		-9.4	to BLCDT	20060619AAS

Result key: 70  
Scenario 32 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228221	488.3
lost to ATV IX only	317331	912.6
lost to all IX	416976	1629.1

Potential Interfering Stations Included in above Scenario 32

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	240679	720.5
lost to ATV IX only	363826	1360.9
lost to all IX	429434	1861.3

Potential Interfering Stations Included in above Scenario 32

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP

\*Percent Service lost without proposal: -10.0 to BLC DT 20060619AAS  
 \*Percent Service lost with proposal: -9.4 to BLC DT 20060619AAS

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# Analysis of Interference to Affected Station 6

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
11	WPIX	NEW YORK NY	DTVPLN	-NPLN0731

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH-DT	NEW HAVEN CT	119.0	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	214.0	PLN	DTVPLN	-NPLN0671
10	WCAU	PHILADELPHIA PA	127.5	PLN	DTVPLN	-NPLN0678
11	WWLP-DT	SPRINGFIELD MA	187.6	PLN	DTVPLN	-DTVP0084
11	WBALTV	BALTIMORE MD	271.7	PLN	DTVPLN	-NPLN0717
11	WENHTV	DURHAM NH	358.8	PLN	DTVPLN	-NPLN0728
11	WBRE-DT	WILKES-BARRE PA	164.2	PLN	DTVPLN	-DTVP0089
12	WTTX-DT	WATERBURY CT	122.3	PLN	DTVPLN	-DTVP0097
12	WHYYTV	WILMINGTON DE	127.8	PLN	DTVPLN	-NPLN0757

Results for: 11N NY NEW YORK		DTVPLN	NPLN0731	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		19840695	29001.2	
not affected by terrain losses		19321562	26146.6	
lost to NTSC IX		792015	2878.6	
lost to additional IX by ATV		98808	495.1	
lost to all IX		890823	3373.6	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WPIX	NEW YORK NY	BPCT	-20040212AAA

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH	NEW HAVEN CT	114.6	LIC	BLC DT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	114.6	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	210.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	131.8	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	183.0	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	183.0	LIC	BLC DT	-20060619AAS
11	WBAL-TV	BALTIMORE MD	275.8	LIC	BLCT	-20000707AEB
11	WENH-TV	DURHAM NH	354.2	LIC	BMLET	-19960516KH
11	WBRE-DT	WILKES-BARRE PA	165.1	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	165.6	LIC	BLC DT	-20051123AJX
12	WTTX-DT	WATERBURY CT	117.8	PLN	DTVPLN	-DTVP0097
12	WTTX	WATERBURY CT	143.4	CP MOD	BMPCDT	-20040608ABI
12	WHYY-TV	WILMINGTON DE	132.0	LIC	BLET	-19940707KE
12	WNYT-DR	ALBANY NY	208.8	LIC	BPRM	-20000413AAC
12	WNYT	ALBANY NY	208.6	LIC	BLC DT	-20031022ABL

12	WBNG-TV	BINGHAMTON NY	219.3	LIC	BLCT	-19870821KE
11	WENH-D11	DURHAM NH	354.2	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 7

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WPIX	NEW YORK NY	BLCT	-19810826KH

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH	NEW HAVEN CT	119.0	LIC	BLCDDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	119.0	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	214.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	127.6	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	187.6	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	187.6	LIC	BLCDDT	-20060619AAS
11	WBAL-TV	BALTIMORE MD	271.7	LIC	BLCT	-20000707AEB
11	WENH-TV	DURHAM NH	358.8	LIC	BMLET	-19960516KH
11	WBRE-DT	WILKES-BARRE PA	164.2	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	164.7	LIC	BLCDDT	-20051123AJX
12	WTXX-DT	WATERBURY CT	122.3	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	148.0	CP MOD	BMPCDDT	-20040608ABI
12	WHYY-TV	WILMINGTON DE	127.8	LIC	BLET	-19940707KE
12	WNYT-DR	ALBANY NY	212.9	LIC	BPRM	-20000413AAC
12	WNYT	ALBANY NY	212.7	LIC	BLCDDT	-20031022ABL
11	WENH-D11	DURHAM NH	358.8	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 8

##### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
12	WTXX-DT	WATERBURY CT	DTVPLN	-DTVP0097

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WWLP-DT	SPRINGFIELD MA	68.2	PLN	DTVPLN	-DTVP0084
11	WPIX	NEW YORK NY	122.3	PLN	DTVPLN	-NPLN0731
12	WHYYTV	WILMINGTON DE	248.7	PLN	DTVPLN	-NPLN0757
12	WBNGTV	BINGHAMTON NY	250.4	PLN	DTVPLN	-NPLN0786
12	WPRITV	PROVIDENCE RI	149.5	PLN	DTVPLN	-NPLN0793
13	WNET	NEWARK NJ	122.3	PLN	DTVPLN	-NPLN0850
13	WNYT	ALBANY NY	149.6	PLN	DTVPLN	-NPLN0853
13	WPRI-DT	PROVIDENCE RI	149.5	PLN	DTVPLN	-DTVP0118

Results for: 12A CT WATERBURY DTVPLN DTVP0097 PLN  
 HAAT 366.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5762112	23829.2
not affected by terrain losses	5374699	21841.8
lost to NTSC IX	471072	2238.9
lost to additional IX by ATV	184284	283.3
lost to ATV IX only	253122	391.1
lost to all IX	655356	2522.2

NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
20	WTXX	WATERBURY CT	DTVPLN -NPLN1070

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WOST-DT	BLOCK ISLAND RI	102.7	PLN	DTVPLN -DTVP0279
18	WHCTTV	HARTFORD CT	33.8	PLN	DTVPLN -NPLN1012
19	WCDCTV	ADAMS MA	125.0	PLN	DTVPLN -NPLN1045
19	WGBH-DT	BOSTON MA	171.7	PLN	DTVPLN -DTVP0356
20	WCVB-DT	BOSTON MA	171.7	PLN	DTVPLN -DTVP0399
20	WUTR	UTICA NY	253.3	PLN	DTVPLN -NPLN1086
20	WVTB	ST. JOHNSBURY VT	351.4	PLN	DTVPLN -NPLN1093
21	WLIW	GARDEN CITY NY	88.8	PLN	DTVPLN -NPLN1120
21	WRNN-DT	KINGSTON NY	109.6	PLN	DTVPLN -DTVP0450
21	WSBE-DT	PROVIDENCE RI	132.2	PLN	DTVPLN -DTVP0455
22	WWLP	SPRINGFIELD MA	68.2	PLN	DTVPLN -NPLN1144
22	WLIW-DT	GARDEN CITY NY	88.8	PLN	DTVPLN -DTVP0499
23	WHSI-DT	SMITHTOWN NY	70.0	PLN	DTVPLN -DTVP0537
24	WEDH	HARTFORD CT	33.5	PLN	DTVPLN -NPLN1202
24	WNYE-DT	NEW YORK NY	117.8	PLN	DTVPLN -DTVP0579
27	WUNI	WORCESTER MA	141.0	PLN	DTVPLN -NPLN1306
27	WTBY-DT	POUGHKEEPSIE NY	84.3	PLN	DTVPLN -DTVP0681
28	WNBC-DT	NEW YORK NY	122.3	PLN	DTVPLN -DTVP0719
34	WTWS-DT	NEW LONDON CT	69.2	PLN	DTVPLN -DTVP0929
35	WVIT-DT	NEW BRITAIN CT	25.5	PLN	DTVPLN -DTVP0967

Results for: 20N CT WATERBURY DTVPLN NPLN1070 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	5560542	22859.4
not affected by terrain losses	5154215	20520.8
lost to NTSC IX	906243	1939.5
lost to additional IX by ATV	284778	1927.6
lost to all IX	1191021	3867.1

Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	WTXX	WATERBURY CT	BMPCDT -20040608ABI

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WWLP-DT	SPRINGFIELD MA	43.7	PLN	DTVPLN -DTVP0084
11	WWLP	SPRINGFIELD MA	43.7	LIC	BLCDDT -20060619AAS
11	WENHTV	DURHAM NH	211.0	PLN	DTVPLN -NPLN0728
11	WPIX	NEW YORK NY	143.4	APP	BPCT -20040212AAA

11	WPIX	NEW YORK NY	148.0	LIC	BLCT	-19810826KH
12	WHYY-TV	WILMINGTON DE	274.0	LIC	BLET	-19940707KE
12	WNYT-DR	ALBANY NY	141.4	LIC	BPRM	-20000413AAC
12	WNYT	ALBANY NY	141.1	LIC	BLCDDT	-20031022ABL
12	WBNG-TV	BINGHAMTON NY	261.1	LIC	BLCT	-19870821KE
12	WPRI-TV	PROVIDENCE RI	129.9	LIC	BLCT	-1750
13	WNET	NEWARK NJ	148.0	LIC	BLET	-19811110KG
13	WNET	NEWARK NJ	143.4	APP	BPCT	-20040213AFP
13	WNYT	ALBANY NY	137.0	LIC	BLCT	-19800314KF
13	WPRI-TV	PROVIDENCE RI	129.9	LIC	BLCDDT	-20040526ALH
13	WPRI-DT	PROVIDENCE RI	129.9	PLN	DTVPLN	-DTVP0118
11	WENH-D11	DURHAM NH	211.0	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 9

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
12	WPRITV	PROVIDENCE RI	DTVPLN	-NPLN0793

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WWLP-DT	SPRINGFIELD MA	119.7	PLN	DTVPLN	-DTVP0084
11	WENHTV	DURHAM NH	144.5	PLN	DTVPLN	-NPLN0728
12	WTXX-DT	WATERBURY CT	149.5	PLN	DTVPLN	-DTVP0097
12	WHYYTV	WILMINGTON DE	389.8	PLN	DTVPLN	-NPLN0757
12	WMEBTV	ORONO ME	388.4	PLN	DTVPLN	-NPLN0769
12	WBNGTV	BINGHAMTON NY	386.4	PLN	DTVPLN	-NPLN0786
13	WNYT	ALBANY NY	217.7	PLN	DTVPLN	-NPLN0853
13	WPRI-DT	PROVIDENCE RI	0.0	PLN	DTVPLN	-DTVP0118

Results for: 12N RI PROVIDENCE	DTVPLN	NPLN0793	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	626583	1324.8	
lost to additional IX by ATV	163974	2412.8	
lost to all IX	790557	3737.6	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WPRI-TV	PROVIDENCE RI	BLCT	-1750

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WWLP-DT	SPRINGFIELD MA	119.7	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	119.7	LIC	BLCDDT	-20060619AAS
11	WENH-TV	DURHAM NH	144.5	LIC	BMLET	-19960516KH
12	WTXX-DT	WATERBURY CT	149.5	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	129.9	CP MOD	BMPCDDT	-20040608ABI
12	WHYY-TV	WILMINGTON DE	389.8	LIC	BLET	-19940707KE

12	WMEB-TV	ORONO ME	388.7	LIC	BLET	-19990525KH
12	WNYT-DR	ALBANY NY	239.7	LIC	BPRM	-20000413AAC
12	WNYT	ALBANY NY	239.4	LIC	BLCDT	-20031022ABL
12	WBNG-TV	BINGHAMTON NY	386.4	LIC	BLCT	-19870821KE
13	WNYT	ALBANY NY	217.7	LIC	BLCT	-19800314KF
13	WPRI-TV	PROVIDENCE RI	0.0	LIC	BLCDT	-20040526ALH
13	WPRI-DT	PROVIDENCE RI	0.0	PLN	DTVPLN	-DTVP0118
11	WENH-D11	DURHAM NH	144.5	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 10

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WENH-D11	DURHAM NH	USERRECORD-01

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WWDP	NORWELL MA	130.2	APP	BPRM -20060426AAW
10	WCBB	AUGUSTA ME	145.3	LIC	BMLET -20020917AAU
10	WJAR	PROVIDENCE RI	145.8	LIC	BLCT -2395
11	WWLP-DT	SPRINGFIELD MA	172.2	PLN	DTVPLN -DTVP0084
11	WWLP	SPRINGFIELD MA	172.2	LIC	BLCDT -20060619AAS
11	WPIX	NEW YORK NY	354.2	APP	BPCT -20040212AAA
11	WPIX	NEW YORK NY	358.8	LIC	BLCT -19810826KH
12	WTXX	WATERBURY CT	211.0	CP MOD	BMPCDT -20040608ABI
12	WPRI-TV	PROVIDENCE RI	144.5	LIC	BLCT -1750

Total scenarios = 4

Result key: 71  
Scenario 1 Affected station 10  
Before Analysis

Results for: 11A NH DURHAM USERRECORD01 APP

HAAT 305.0 m, ATV ERP 8.3 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	3616812	25658.9
not affected by terrain losses	3419619	23671.2
lost to NTSC IX	12724	84.5
lost to additional IX by ATV	16434	112.7
lost to ATV IX only	26753	177.0
lost to all IX	29158	197.2

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN

Result key: 72  
Scenario 2 Affected station 10

Before Analysis

Results for: 11A NH DURHAM                      USERRECORD01                      APP  
HAAT 305.0 m, ATV ERP 8.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3616812	25658.9
not affected by terrain losses	3419619	23671.2
lost to NTSC IX	12724	84.5
lost to additional IX by ATV	15960	124.7
lost to ATV IX only	25856	185.1
lost to all IX	28684	209.2

Potential Interfering Stations Included in above Scenario 2

11N NY NEW YORK	BLCT	19810826KH	LIC
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC

Result key: 73  
Scenario 3 Affected station 10  
Before Analysis

Results for: 11A NH DURHAM                      USERRECORD01                      APP  
HAAT 305.0 m, ATV ERP 8.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3616812	25658.9
not affected by terrain losses	3419619	23671.2
lost to NTSC IX	12009	96.6
lost to additional IX by ATV	15093	96.6
lost to ATV IX only	26753	177.0
lost to all IX	27102	193.1

Potential Interfering Stations Included in above Scenario 3

11N NY NEW YORK	BPCT	20040212AAA	APP
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN

Result key: 74  
Scenario 4 Affected station 10  
Before Analysis

Results for: 11A NH DURHAM                      USERRECORD01                      APP  
HAAT 305.0 m, ATV ERP 8.3 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3616812	25658.9
not affected by terrain losses	3419619	23671.2
lost to NTSC IX	12009	96.6
lost to additional IX by ATV	14907	112.7
lost to ATV IX only	25856	185.1
lost to all IX	26916	209.2

Potential Interfering Stations Included in above Scenario 4

11N NY NEW YORK	BPCT	20040212AAA	APP
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

TV INTERFERENCE and SPACING ANALYSIS PROGRAM

Date: 01-04-2007 Time: 22:13:31

Record Selected for Analysis

WENH-D11 USERRECORD-01 DURHAM NH US  
Channel 11 ERP 16. kW HAAT 305. m RCAMSL 00463 m  
Latitude 043-10-33 Longitude 0071-12-29  
Status APP Zone 1 Border  
Dir Antenna Make usr Model USRPAT01 Beam tilt N Ref Azimuth 20.  
Last update Cutoff date Docket  
Comments  
Applicant

Cell Size for Service Analysis 2.0 km/side

Distance Increments for Longley-Rice Analysis 1.00 km

Facility meets maximum height/power limits

Azimuth (Deg)	ERP (kW)	HAAT (m)	36.0 dBu F(50,90) (km)
0.0	11.182	247.5	90.9
45.0	14.746	311.2	96.1
90.0	12.702	357.4	98.5
135.0	13.018	362.5	99.1
180.0	14.018	331.4	97.2
225.0	6.131	311.2	89.4
270.0	7.530	247.7	87.8
315.0	15.777	271.6	94.7

Evaluation toward Class A Stations

No Spacing violations or contour overlap to Class A stations

Class A Evaluation Complete

SPACING VIOLATION FOUND BETWEEN STATION

WENH-D11 11 DURHAM NH USERRECORD01

and station

SHORT TO: WWLP-DT 11 SPRINGFIELD MA DTVPLN DTVP0084  
 42-05-05 72-42-14  
 Req. separation 244.6 Actual separation 172.5 Short 72.1 km

SHORT TO: WWLP 11 SPRINGFIELD MA BLCDT 20060619AAS  
 042-05- 5 0072-42-14  
 Req. separation 244.6 Actual separation 172.5 Short 72.1 km

SHORT TO: WENH-TV 11 DURHAM NH BMLET 19960516KH  
 043-10-33 0071-12-29  
 Req. separation 244.6 Actual separation 0.0 Short 244.6 km

Proposed facility OK to FCC Monitoring Stations

Proposed facility OK toward West Virginia quite zone

Proposed facility OK toward Table Mountain

Proposed facility is within the Canadian coordination distance  
 Distance to border = 206.3km

Proposed facility is beyond the Mexican coordination distance

Proposed station is OK toward AM broadcast stations

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 Start of Interference Analysis

Channel	Proposed Station Call City/State	ARN
11	WENH-D11 DURHAM NH	USERRECORD01

Stations Potentially Affected by Proposed Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WWDP	NORWELL MA	130.2	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	145.3	LIC	BMLET	-20020917AAU
10	WJAR	PROVIDENCE RI	145.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	172.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	172.2	LIC	BLCDT	-20060619AAS
11	WPIX	NEW YORK NY	354.2	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	358.8	LIC	BLCT	-19810826KH
12	WTXX	WATERBURY CT	211.0	CP MOD	BMPCDT	-20040608ABI
12	WPRI-TV	PROVIDENCE RI	144.5	LIC	BLCT	-1750

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Analysis of Interference to Affected Station 1

Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	WWDP	NORWELL MA	BPRM	-20060426AAW

# Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WEDN	NORWICH CT	107.8	APP	BPRM	-20040109AEI
09	WMUR-TV	MANCHESTER NH	117.0	CP	BPCT	-20050218AAU
10	WTNH	NEW HAVEN CT	171.1	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	171.1	PLN	DTVPLN	-DTVP0068
10	WCBB	AUGUSTA ME	252.6	LIC	BMLET	-20020917AAU
10	WTEN	ALBANY NY	252.5	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	413.9	LIC	BLCT	-20041119AEQ
10	WJAR	PROVIDENCE RI	25.8	LIC	BLCT	-2395
11	WWLP-DT	SPRINGFIELD MA	137.2	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	137.2	LIC	BLCDT	-20060619AAS
11	WENHTV	DURHAM NH	130.2	PLN	DTVPLN	-NPLN0728
11	WENH-D11	DURHAM NH	130.2	APP	USERRECORD-01	

Total scenarios = 6

Result key: 1  
Scenario 1 Affected station 1  
Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 1

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	148592	1618.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 1

9N NH MANCHESTER	BPCT	20050218AAU	CP	
10N ME AUGUSTA	BMLET	20020917AAU	LIC	
10N NY ALBANY	BLCT	1285	LIC	
10N RI PROVIDENCE	BLCT	2395	LIC	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:		0.0	to BPRM	20060426AAW

Result key: 2  
 Scenario 2 Affected station 1  
 Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
 HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	96851	1029.7
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 2

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
 HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	99919	1045.8
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 2

9N NH MANCHESTER	BPCT	20050218AAU	CP	
10N ME AUGUSTA	BMLET	20020917AAU	LIC	
10N NY ALBANY	BLCT	1285	LIC	
10N RI PROVIDENCE	BLCT	2395	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:		0.0	to BPRM	20060426AAW

Result key: 3  
 Scenario 3 Affected station 1  
 Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 3

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	148592	1618.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 3

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:	0.0	to BPRM	20060426AAW

Result key: 4  
 Scenario 4 Affected station 1  
 Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4

lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	96851	1029.7
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 4

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	99919	1045.8
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 4

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:	0.0	to BPRM	20060426AAW

Result key: 5  
Scenario 5 Affected station 1  
Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP  
HAAT 144.0 m, ATV ERP 5.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	147461	1610.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 5

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC

10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC

#### After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	3178	28.0
lost to ATV IX only	148592	1618.7
lost to all IX	4707100	15265.7

Potential Interfering Stations Included in above Scenario 5

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:	0.0	to BPRM	20060426AAW

Result key: 6  
 Scenario 6 Affected station 1  
 Before Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4
lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	96851	1029.7
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 6

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

#### After Analysis

Results for: 10A MA NORWELL BPRM 20060426AAW APP

HAAT 144.0 m, ATV ERP 5.0 kW	POPULATION	AREA (sq km)
within Noise Limited Contour	5715219	18419.1
not affected by terrain losses	5517543	17453.4



lost to NTSC IX	4703922	15237.7
lost to additional IX by ATV	602	20.0
lost to ATV IX only	99919	1045.8
lost to all IX	4704524	15257.7

Potential Interfering Stations Included in above Scenario 6

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N RI PROVIDENCE	BLCT	2395	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to BPRM	20060426AAW
*Percent Service lost with proposal:	0.0	to BPRM	20060426AAW

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Analysis of Interference to Affected Station 2

#### NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
10	WCBB	AUGUSTA ME	DTVPLN -NPLN0653

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
09	WMURTV	MANCHESTER NH	182.0	PLN	DTVPLN -NPLN0612
10	WTNH-DT	NEW HAVEN CT	386.9	PLN	DTVPLN -DTVP0068
10	WMENTV	PRESQUE ISLE ME	317.0	PLN	DTVPLN -NPLN0654
10	WTEN	ALBANY NY	363.5	PLN	DTVPLN -NPLN0671
10	WJAR	PROVIDENCE RI	274.8	PLN	DTVPLN -NPLN0679
11	WENHTV	DURHAM NH	145.3	PLN	DTVPLN -NPLN0728

Results for: 10N ME AUGUSTA	DTVPLN	NPLN0653	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	863167	28787.3	
not affected by terrain losses	814133	25546.9	
lost to NTSC IX	38382	1244.1	
lost to additional IX by ATV	0	0.0	
lost to all IX	38382	1244.1	

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
10	WCBB	AUGUSTA ME	BMLET -20020917AAU

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
09	WMEB-TV	ORONO ME	95.8	LIC	BPRM -20000616AAA
09	WMEB-TV	ORONO ME	95.8	LIC	BLEDT -20020508AAS
09	WMUR-TV	MANCHESTER NH	182.0	CP	BPCT -20050218AAU
10	WTNH	NEW HAVEN CT	386.9	LIC	BLCDT -20040701AEC
10	WTNH-DT	NEW HAVEN CT	386.9	PLN	DTVPLN -DTVP0068

10	WWDP	NORWELL MA	252.6	APP	BPRM	-20060426AAW
10	WMED-TV	CALAIS ME	233.8	LIC	BLEDT	-20030307AAM
10	WMED-TV	CALAIS ME	233.8	LIC	BPRM	-20010626AAZ
10	WMEM-TV	PRESQUE ISLE ME	317.0	LIC	BLET	-20010403ABJ
10	WTEN	ALBANY NY	363.5	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	274.8	LIC	BLCT	-2395
11	WENH-TV	DURHAM NH	145.3	LIC	BMLET	-19960516KH
11	WENH-D11	DURHAM NH	145.3	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 3

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
10	WJAR	PROVIDENCE RI	DTVPLN	-NPLN0679

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WMURTV	MANCHESTER NH	126.7	PLN	DTVPLN	-NPLN0612
10	WTNH-DT	NEW HAVEN CT	146.7	PLN	DTVPLN	-DTVP0068
10	WCBB	AUGUSTA ME	274.8	PLN	DTVPLN	-NPLN0653
10	WTEN	ALBANY NY	239.0	PLN	DTVPLN	-NPLN0671
10	WCAU	PHILADELPHIA PA	388.4	PLN	DTVPLN	-NPLN0678
11	WWLP-DT	SPRINGFIELD MA	119.6	PLN	DTVPLN	-DTVP0084
11	WENHTV	DURHAM NH	145.8	PLN	DTVPLN	-NPLN0728

Results for: 10N RI PROVIDENCE		DTVPLN	NPLN0679	PLN
		POPULATION	AREA (sq km)	
within Noise Limited Contour		6704426	28882.5	
not affected by terrain losses		6330843	27059.6	
lost to NTSC IX		785220	3541.6	
lost to additional IX by ATV		178448	3232.4	
lost to all IX		963668	6773.9	

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
10	WJAR	PROVIDENCE RI	BLCT	-2395

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
09	WEDN	NORWICH CT	82.5	APP	BPRM	-20040109AEI
09	WMUR-TV	MANCHESTER NH	126.8	CP	BPCT	-20050218AAU
10	WTNH	NEW HAVEN CT	146.7	LIC	BLCDDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	146.7	PLN	DTVPLN	-DTVP0068
10	WWDP	NORWELL MA	25.8	APP	BPRM	-20060426AAW
10	WCBB	AUGUSTA ME	274.8	LIC	BMLET	-20020917AAU
10	WTEN	ALBANY NY	239.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	388.5	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	119.6	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	119.6	LIC	BLCDDT	-20060619AAS
11	WENH-TV	DURHAM NH	145.8	LIC	BMLET	-19960516KH

11 WENH-D11 DURHAM NH 145.8 APP USERRECORD-01

Total scenarios = 10

Result key: 7  
Scenario 1 Affected station 3  
Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	201020	4139.8	
lost to all IX	932331	7625.2	

Potential Interfering Stations Included in above Scenario 1

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC

After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	201020	4139.8	
lost to all IX	932331	7625.2	

Potential Interfering Stations Included in above Scenario 1

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
11A NH DURHAM	USERRECORD01	APP	
*Percent new DTV interference without proposal:		3.0	BLCT 2395
*Percent new DTV interference with proposal:		3.0	BLCT 2395

Result key: 8  
Scenario 2 Affected station 3  
Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	

lost to NTSC IX	731311	3485.3
lost to additional IX by ATV	178589	3244.4
lost to all IX	909900	6729.8

Potential Interfering Stations Included in above Scenario 2

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC

After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	178589	3244.4	
lost to all IX	909900	6729.8	

Potential Interfering Stations Included in above Scenario 2

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent new DTV interference without proposal:		2.7	BLCT 2395
*Percent new DTV interference with proposal:		2.7	BLCT 2395

Result key: 9  
Scenario 3 Affected station 3  
Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	3691754	16487.1	
lost to all IX	4423065	19972.4	

Potential Interfering Stations Included in above Scenario 3

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
10A MA NORWELL	BPRM	20060426AAW	APP

11A MA SPRINGFIELD                      BLCDT                      20060619AAS    LIC

After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	3691754	16487.1	
lost to all IX	4423065	19972.4	

Potential Interfering Stations Included in above Scenario                      3

9N NH MANCHESTER	BPCT	20050218AAU	CP		
10N ME AUGUSTA	BMLET	20020917AAU	LIC		
10N NY ALBANY	BLCT	1285	LIC		
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC		
9A CT NORWICH	BPRM	20040109AEI	APP		
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC		
10A MA NORWELL	BPRM	20060426AAW	APP		
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC		
11A NH DURHAM	USERRECORD01		APP		
*Percent new DTV interference without proposal:		55.1	BLCT	2395	
*Percent new DTV interference with proposal:		55.1	BLCT	2395	

Result key:                      10  
Scenario                      4    Affected station                      3  
Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	209155	4216.1	
lost to all IX	940466	7701.5	

Potential Interfering Stations Included in above Scenario                      4

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC

After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	209155	4216.1	

lost to all IX 940466 7701.5

Potential Interfering Stations Included in above Scenario 4

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent new DTV interference without proposal:			3.1 BLCT 2395
*Percent new DTV interference with proposal:			3.1 BLCT 2395

Result key: 11  
 Scenario 5 Affected station 3  
 Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	3688851	16430.9	
lost to all IX	4420162	19916.2	

Potential Interfering Stations Included in above Scenario 5

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
10A MA NORWELL	BPRM	20060426AAW	APP
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC

After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	3688851	16430.9	
lost to all IX	4420162	19916.2	

Potential Interfering Stations Included in above Scenario 5

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

10A MA NORWELL	BPRM	20060426AAW	APP		
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC		
11A NH DURHAM	USERRECORD01		APP		
*Percent new DTV interference without proposal:			55.0	BLCT	2395
*Percent new DTV interference with proposal:			55.0	BLCT	2395

Result key: 12  
Scenario 6 Affected station 3  
Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	186562	3316.7	
lost to all IX	917873	6802.0	

Potential Interfering Stations Included in above Scenario 6

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC

After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	186562	3316.7	
lost to all IX	917873	6802.0	

Potential Interfering Stations Included in above Scenario 6

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
9A CT NORWICH	BPRM	20040109AEI	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent new DTV interference without proposal:			2.8 BLCT 2395
*Percent new DTV interference with proposal:			2.8 BLCT 2395

Result key: 13  
Scenario 7 Affected station 3  
Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	3691619	16483.1	
lost to all IX	4422930	19968.4	

Potential Interfering Stations Included in above Scenario 7

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
10A MA NORWELL	BPRM	20060426AAW	APP
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC

After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	3691619	16483.1	
lost to all IX	4422930	19968.4	

Potential Interfering Stations Included in above Scenario 7

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
10A MA NORWELL	BPRM	20060426AAW	APP
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent new DTV interference without proposal:		55.1	BLCT 2395
*Percent new DTV interference with proposal:		55.1	BLCT 2395

Result key: 14  
Scenario 8 Affected station 3  
Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	201020	4139.8	
lost to all IX	932331	7625.2	

Potential Interfering Stations Included in above Scenario 8

9N NH MANCHESTER	BPCT	20050218AAU	CP
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10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC

#### After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	201020	4139.8	
lost to all IX	932331	7625.2	

Potential Interfering Stations Included in above Scenario 8

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
11A NH DURHAM	USERRECORD01	APP	
*Percent new DTV interference without proposal:	3.0	BLCT	2395
*Percent new DTV interference with proposal:	3.0	BLCT	2395

Result key: 15  
 Scenario 9 Affected station 3  
 Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	3688716	16426.9	
lost to all IX	4420027	19912.2	

Potential Interfering Stations Included in above Scenario 9

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
10A MA NORWELL	BPRM	20060426AAW	APP
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC

#### After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	

lost to NTSC IX	731311	3485.3
lost to additional IX by ATV	3688716	16426.9
lost to all IX	4420027	19912.2

Potential Interfering Stations Included in above Scenario 9

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
10A MA NORWELL	BPRM	20060426AAW	APP
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent new DTV interference without proposal:		55.0	BLCT 2395
*Percent new DTV interference with proposal:		55.0	BLCT 2395

Result key: 16  
Scenario 10 Affected station 3  
Before Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	178589	3244.4	
lost to all IX	909900	6729.8	

Potential Interfering Stations Included in above Scenario 10

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC

After Analysis

Results for: 10N RI PROVIDENCE	BLCT	2395	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6704426	28882.5	
not affected by terrain losses	6330843	27059.6	
lost to NTSC IX	731311	3485.3	
lost to additional IX by ATV	178589	3244.4	
lost to all IX	909900	6729.8	

Potential Interfering Stations Included in above Scenario 10

9N NH MANCHESTER	BPCT	20050218AAU	CP
10N ME AUGUSTA	BMLET	20020917AAU	LIC
10N NY ALBANY	BLCT	1285	LIC
10N PA PHILADELPHIA	BLCT	20041119AEQ	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC

11A NH DURHAM	USERRECORD01	APP		
*Percent new DTV interference without proposal:	2.7	BLCT	2395	
*Percent new DTV interference with proposal:	2.7	BLCT	2395	

## Analysis of Interference to Affected Station 4

Channel	Call	City/State	Application Ref. No.
11	WWLP-DT	SPRINGFIELD MA	DTVPLN -DTVP0084

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	122.8	PLN	DTVPLN	-NPLN0671
10	WJAR	PROVIDENCE RI	119.6	PLN	DTVPLN	-NPLN0679
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	187.6	PLN	DTVPLN	-NPLN0731
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
12	WTXX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WPRITV	PROVIDENCE RI	119.7	PLN	DTVPLN	-NPLN0793

HAAT	268.0 m, ATV ERP	3.2 kW	
		POPULATION	AREA (sq km)
within Noise Limited Contour		2913509	17561.9
not affected by terrain losses		2483771	14999.3
lost to NTSC IX		221298	1637.7
lost to additional IX by ATV		98662	216.2
lost to ATV IX only		218843	592.6
lost to all IX		319960	1853.9

Channel	Call	City/State	Application	Ref. No.
22	WWLP	SPRINGFIELD MA	DTVPLN	-NPLN1144

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
15	WNYT-DT	ALBANY NY	108.7	PLN	DTVPLN	-DTVP0183
18	WMFP-DT	LAWRENCE MA	138.6	PLN	DTVPLN	-DTVP0307
19	WCDCTV	ADAMS MA	72.3	PLN	DTVPLN	-NPLN1045
19	WGBH-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0356
20	WTTX	WATERBURY CT	68.2	PLN	DTVPLN	-NPLN1070
20	WCVB-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0399
21	WNBU	CONCORD NH	166.6	PLN	DTVPLN	-NPLN1116
21	WLIW	GARDEN CITY NY	157.0	PLN	DTVPLN	-NPLN1120
21	WRNN-DT	KINGSTON NY	115.2	PLN	DTVPLN	-DTVP0450
21	WSBE-DT	PROVIDENCE RI	106.4	PLN	DTVPLN	-DTVP0455
22	WLWC-DT	NEW BEDFORD MA	150.8	PLN	DTVPLN	-DTVP0484
22	WNJS-DT	CAMDEN NJ	317.7	PLN	DTVPLN	-DTVP0496
22	WLIW-DT	GARDEN CITY NY	157.0	PLN	DTVPLN	-DTVP0499

22	WYOU	SCRANTON PA	281.8	PLN	DTVPLN	-NPLN1154
22	WVNY	BURLINGTON VT	271.7	PLN	DTVPLN	-NPLN1160
23	WHSB-DT	MARLBOROUGH MA	105.0	PLN	DTVPLN	-DTVP0527
23	WXXATV	ALBANY NY	122.7	PLN	DTVPLN	-NPLN1184
23	WHSI-DT	SMITHTOWN NY	134.4	PLN	DTVPLN	-DTVP0537
24	WEDH	HARTFORD CT	35.5	PLN	DTVPLN	-NPLN1202
25	WFXT	BOSTON MA	124.7	PLN	DTVPLN	-NPLN1247
26	WTWS	NEW LONDON CT	85.1	PLN	DTVPLN	-NPLN1268
26	WTEN-DT	ALBANY NY	122.8	PLN	DTVPLN	-DTVP0647
29	WUNI-DT	WORCESTER MA	86.0	PLN	DTVPLN	-DTVP0746
30	WVIT	NEW BRITAIN CT	44.0	PLN	DTVPLN	-NPLN1377
30	WBZ-DT	BOSTON MA	123.3	PLN	DTVPLN	-DTVP0791
36	WCDC-DT	ADAMS MA	72.3	PLN	DTVPLN	-DTVP1018
36	WSBETV	PROVIDENCE RI	106.4	PLN	DTVPLN	-NPLN1528

Results for: 22N MA SPRINGFIELD	DTVPLN	NPLN1144	PLN
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2869372	16913.3	
not affected by terrain losses	2395095	14002.3	
lost to NTSC IX	283155	1657.7	
lost to additional IX by ATV	83439	1069.1	
lost to all IX	366594	2726.8	

#### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WWLP-DT	SPRINGFIELD MA	DTVPLN	-DTVP0084

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH	NEW HAVEN CT	76.4	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN	-DTVP0068
10	WWDP	NORWELL MA	137.2	APP	BPRM	-20060426AAW
10	WTEN	ALBANY NY	122.8	LIC	BLCT	-1285
10	WJAR	PROVIDENCE RI	119.6	LIC	BLCT	-2395
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	183.0	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	187.6	LIC	BLCT	-19810826KH
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	281.8	LIC	BLCDT	-20051123AJX
12	WTTX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WTTX	WATERBURY CT	43.7	CP MOD	BMPCDT	-20040608ABI
12	WNYT	ALBANY NY	123.0	LIC	BLCDT	-20031022ABL
12	WNYT-DR	ALBANY NY	123.3	LIC	BPRM	-20000413AAC
12	WPRI-TV	PROVIDENCE RI	119.7	LIC	BLCT	-1750
11	WENH-D11	DURHAM NH	172.2	APP	USERRECORD-01	

Total scenarios = 32

Result key: 17  
Scenario 1 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	

within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	159888	384.4
lost to ATV IX only	228114	664.7
lost to all IX	283019	1233.3

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	189872	708.7
lost to ATV IX only	291151	1245.3
lost to all IX	313003	1557.6

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.7	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.3	to DTVPLN	DTVP0084

Result key: 18  
 Scenario 2 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	159847	408.4
lost to ATV IX only	228073	688.7
lost to all IX	282978	1257.3

Potential Interfering Stations Included in above Scenario 2

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC

11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	189831	732.7	
lost to ATV IX only	291110	1269.3	
lost to all IX	312962	1581.6	

Potential Interfering Stations Included in above Scenario 2

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLC DT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.7	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.3	to DTVPLN	DTVP0084

Result key: 19  
Scenario 3 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	189778	480.5	
lost to ATV IX only	261741	796.8	
lost to all IX	312909	1329.4	

Potential Interfering Stations Included in above Scenario 3

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLC DT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLC DT	20031022ABL	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	

lost to NTSC IX	123131	848.9
lost to additional IX by ATV	219762	808.8
lost to ATV IX only	323785	1373.4
lost to all IX	342893	1657.7

Potential Interfering Stations Included in above Scenario 3

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.1	to DTVPLN	DTVP0084

Result key: 20  
 Scenario 4 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	189737	504.5
lost to ATV IX only	261700	820.8
lost to all IX	312868	1353.4

Potential Interfering Stations Included in above Scenario 4

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	219721	832.8
lost to ATV IX only	323744	1397.4
lost to all IX	342852	1681.7

Potential Interfering Stations Included in above Scenario 4

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP

12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-0.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		1.1	to DTVPLN	DTVP0084

Result key: 21  
Scenario 5 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	160803	440.4	
lost to ATV IX only	231617	768.8	
lost to all IX	283934	1289.3	

Potential Interfering Stations Included in above Scenario 5

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	190284	752.8	
lost to ATV IX only	293809	1321.3	
lost to all IX	313415	1601.6	

Potential Interfering Stations Included in above Scenario 5

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		-1.7	to DTVPLN DTVP0084
*Percent Service lost with proposal:		-0.3	to DTVPLN DTVP0084

Result key: 22  
Scenario 6 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
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HAAT 268.0 m, ATV ERP 3.2 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	160934	456.5
lost to ATV IX only	231748	784.8
lost to all IX	284065	1305.3

Potential Interfering Stations Included in above Scenario 6

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	190415	768.8	
lost to ATV IX only	293940	1337.4	
lost to all IX	313546	1617.7	

Potential Interfering Stations Included in above Scenario 6

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.7	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.3	to DTVPLN	DTVP0084

Result key: 23  
 Scenario 7 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	191112	544.6	
lost to ATV IX only	265663	908.9	
lost to all IX	314243	1393.4	

Potential Interfering Stations Included in above Scenario 7

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	220338	856.9	
lost to ATV IX only	326607	1453.5	
lost to all IX	343469	1705.7	

Potential Interfering Stations Included in above Scenario 7

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.1	to DTVPLN	DTVP0084

Result key: 24  
 Scenario 8 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	191243	560.6	
lost to ATV IX only	265794	924.9	
lost to all IX	314374	1409.4	

Potential Interfering Stations Included in above Scenario 8

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	

within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	220469	872.9
lost to ATV IX only	326738	1469.5
lost to all IX	343600	1721.8

Potential Interfering Stations Included in above Scenario 8

11N NY NEW YORK	BLCT	19810826KH	LIC	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	BMPCDDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-0.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		1.1	to DTVPLN	DTVP0084

Result key: 25  
 Scenario 9 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	151247	356.4
lost to ATV IX only	219223	628.6
lost to all IX	274378	1205.2

Potential Interfering Stations Included in above Scenario 9

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	181231	680.7
lost to ATV IX only	282260	1209.2
lost to all IX	304362	1529.6

Potential Interfering Stations Included in above Scenario 9

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-2.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		-0.7	to DTVPLN	DTVP0084

Result key: 26  
Scenario 10 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	151206	380.4	
lost to ATV IX only	219182	652.7	
lost to all IX	274337	1229.3	

Potential Interfering Stations Included in above Scenario 10

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	181190	704.7	
lost to ATV IX only	282219	1233.3	
lost to all IX	304321	1553.6	

Potential Interfering Stations Included in above Scenario 10

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		-2.1	to DTVPLN DTVP0084
*Percent Service lost with proposal:		-0.7	to DTVPLN DTVP0084

Result key: 27  
Scenario 11 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	184997	452.5
lost to ATV IX only	256732	760.8
lost to all IX	308128	1301.3

Potential Interfering Stations Included in above Scenario 11

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	215049	784.8
lost to ATV IX only	319032	1345.4
lost to all IX	338180	1633.7

Potential Interfering Stations Included in above Scenario 11

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.5	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.8	to DTVPLN	DTVP0084

Result key: 28  
 Scenario 12 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	184956	476.5
lost to ATV IX only	256691	784.8
lost to all IX	308087	1325.4

Potential Interfering Stations Included in above Scenario 12

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	215008	808.8
lost to ATV IX only	318991	1369.4
lost to all IX	338139	1657.7

Potential Interfering Stations Included in above Scenario 12

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.5	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.8	to DTVPLN	DTVP0084

Result key: 29  
 Scenario 13 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	152168	416.4
lost to ATV IX only	222732	736.8
lost to all IX	275299	1265.3

Potential Interfering Stations Included in above Scenario 13

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN

HAAT	268.0 m, ATV ERP	3.2 kW	
		POPULATION	AREA (sq km)
within Noise Limited Contour		2913509	17561.9
not affected by terrain losses		2483771	14999.3
lost to NTSC IX		123131	848.9
lost to additional IX by ATV		181649	728.7
lost to ATV IX only		284924	1289.3
lost to all IX		304780	1577.6

Potential Interfering Stations Included in above Scenario 13

11N NY NEW YORK	BLCT	19810826KH	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-2.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		-0.7	to DTVPLN	DTVP0084

Result key: 30  
Scenario 14 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	152299	432.4
lost to ATV IX only	222863	752.8
lost to all IX	275430	1281.3

Potential Interfering Stations Included in above Scenario 14

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	181780	744.8
lost to ATV IX only	285055	1305.3
lost to all IX	304911	1593.6

Potential Interfering Stations Included in above Scenario 14

11N NY NEW YORK	BLCT	19810826KH	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-2.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		-0.7	to DTVPLN	DTVP0084

Result key: 31  
 Scenario 15 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	186331	516.5	
lost to ATV IX only	260654	872.9	
lost to all IX	309462	1365.4	

Potential Interfering Stations Included in above Scenario 15

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	123131	848.9	
lost to additional IX by ATV	215625	832.8	
lost to ATV IX only	321854	1425.5	
lost to all IX	338756	1681.7	

Potential Interfering Stations Included in above Scenario 15

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		-0.5	to DTVPLN DTVP0084
*Percent Service lost with proposal:		0.9	to DTVPLN DTVP0084

Result key: 32



Scenario 16 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	186462	532.5
lost to ATV IX only	260785	888.9
lost to all IX	309593	1381.4

Potential Interfering Stations Included in above Scenario 16

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	123131	848.9
lost to additional IX by ATV	215756	848.9
lost to ATV IX only	321985	1441.5
lost to all IX	338887	1697.7

Potential Interfering Stations Included in above Scenario 16

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.5	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.9	to DTVPLN	DTVP0084

Result key: 33

Scenario 17 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158323	356.4
lost to ATV IX only	228114	664.7

lost to all IX 292625 1345.4

Potential Interfering Stations Included in above Scenario 17

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180319	648.7
lost to ATV IX only	291151	1245.3
lost to all IX	314621	1637.7

Potential Interfering Stations Included in above Scenario 17

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.2	to DTVPLN	DTVP0084

Result key: 34  
 Scenario 18 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158282	380.4
lost to ATV IX only	228073	688.7
lost to all IX	292584	1369.4

Potential Interfering Stations Included in above Scenario 18

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180278	672.7
lost to ATV IX only	291110	1269.3
lost to all IX	314580	1661.7

Potential Interfering Stations Included in above Scenario 18

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.2	to DTVPLN	DTVP0084

Result key: 35  
 Scenario 19 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	188677	460.5
lost to ATV IX only	261741	796.8
lost to all IX	322979	1449.5

Potential Interfering Stations Included in above Scenario 19

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	210673	752.8
lost to ATV IX only	323785	1373.4
lost to all IX	344975	1741.8

Potential Interfering Stations Included in above Scenario 19

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		0.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:		1.2	to DTVPLN	DTVP0084

Result key: 36  
 Scenario 20 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	134302	989.0	
lost to additional IX by ATV	188636	484.5	
lost to ATV IX only	261700	820.8	
lost to all IX	322938	1473.5	

Potential Interfering Stations Included in above Scenario 20

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	134302	989.0	
lost to additional IX by ATV	210632	776.8	
lost to ATV IX only	323744	1397.4	
lost to all IX	344934	1765.8	

Potential Interfering Stations Included in above Scenario 20

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		0.1	to DTVPLN DTVP0084
*Percent Service lost with proposal:		1.2	to DTVPLN DTVP0084

Result key: 37  
 Scenario 21 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	158576	388.4
lost to ATV IX only	231617	768.8
lost to all IX	292878	1377.4

Potential Interfering Stations Included in above Scenario 21

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180559	676.7
lost to ATV IX only	293809	1321.3
lost to all IX	314861	1665.7

Potential Interfering Stations Included in above Scenario 21

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.3	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.2	to DTVPLN	DTVP0084

Result key: 38  
 Scenario 22 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0

lost to additional IX by ATV	158707	404.4
lost to ATV IX only	231748	784.8
lost to all IX	293009	1393.4

Potential Interfering Stations Included in above Scenario 22

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	180690	692.7
lost to ATV IX only	293940	1337.4
lost to all IX	314992	1681.7

Potential Interfering Stations Included in above Scenario 22

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.2	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.2	to DTVPLN	DTVP0084

Result key: 39  
 Scenario 23 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	189094	496.5
lost to ATV IX only	265663	908.9
lost to all IX	323396	1485.5

Potential Interfering Stations Included in above Scenario 23

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	211077	784.8
lost to ATV IX only	326607	1453.5
lost to all IX	345379	1773.8

Potential Interfering Stations Included in above Scenario 23

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.2	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.2	to DTVPLN	DTVP0084

Result key: 40  
 Scenario 24 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	189225	512.5
lost to ATV IX only	265794	924.9
lost to all IX	323527	1501.5

Potential Interfering Stations Included in above Scenario 24

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	211208	800.8
lost to ATV IX only	326738	1469.5

lost to all IX 345510 1789.8

Potential Interfering Stations Included in above Scenario 24

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	BMPCDDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:			0.2	to DTVPLN DTVP0084
*Percent Service lost with proposal:			1.2	to DTVPLN DTVP0084

Result key: 41  
Scenario 25 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	149931	332.3
lost to ATV IX only	219223	628.6
lost to all IX	284233	1321.3

Potential Interfering Stations Included in above Scenario 25

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	171927	624.6
lost to ATV IX only	282260	1209.2
lost to all IX	306229	1613.6

Potential Interfering Stations Included in above Scenario 25

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:			-1.7	to DTVPLN DTVP0084



\*Percent Service lost with proposal: -0.6 to DTVPLN DTVP0084

Result key: 42  
 Scenario 26 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	149890	356.4
lost to ATV IX only	219182	652.7
lost to all IX	284192	1345.4

Potential Interfering Stations Included in above Scenario 26

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	171886	648.7
lost to ATV IX only	282219	1233.3
lost to all IX	306188	1637.7

Potential Interfering Stations Included in above Scenario 26

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.7	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.6	to DTVPLN	DTVP0084

Result key: 43  
 Scenario 27 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9

not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	184213	440.4
lost to ATV IX only	256732	760.8
lost to all IX	318515	1429.5

Potential Interfering Stations Included in above Scenario 27

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	206209	732.7
lost to ATV IX only	319032	1345.4
lost to all IX	340511	1721.8

Potential Interfering Stations Included in above Scenario 27

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.9	to DTVPLN	DTVP0084

Result key: 44  
 Scenario 28 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	184172	464.5
lost to ATV IX only	256691	784.8
lost to all IX	318474	1453.5

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN

12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	206168	756.8
lost to ATV IX only	318991	1369.4
lost to all IX	340470	1745.8

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-0.1	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	0.9	to DTVPLN	DTVP0084

Result key: 45  
 Scenario 29 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	150190	368.4
lost to ATV IX only	222732	736.8
lost to all IX	284492	1357.4

Potential Interfering Stations Included in above Scenario 29

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLC DT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLC DT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0

lost to additional IX by ATV	172173	656.7
lost to ATV IX only	284924	1289.3
lost to all IX	306475	1645.7

Potential Interfering Stations Included in above Scenario 29

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-1.6	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.6	to DTVPLN	DTVP0084

Result key: 46  
 Scenario 30 Affected station 4  
 Before Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	150321	384.4
lost to ATV IX only	222863	752.8
lost to all IX	284623	1373.4

Potential Interfering Stations Included in above Scenario 30

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	172304	672.7
lost to ATV IX only	285055	1305.3
lost to all IX	306606	1661.7

Potential Interfering Stations Included in above Scenario 30

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

11A NH DURHAM	USERRECORD01	APP	
*Percent Service lost without proposal:	-1.6	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	-0.6	to DTVPLN	DTVP0084

Result key: 47  
Scenario 31 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	134302	989.0	
lost to additional IX by ATV	184630	476.5	
lost to ATV IX only	260654	872.9	
lost to all IX	318932	1465.5	

Potential Interfering Stations Included in above Scenario 31

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			
	POPULATION	AREA (sq km)	
within Noise Limited Contour	2913509	17561.9	
not affected by terrain losses	2483771	14999.3	
lost to NTSC IX	134302	989.0	
lost to additional IX by ATV	206613	764.8	
lost to ATV IX only	321854	1425.5	
lost to all IX	340915	1753.8	

Potential Interfering Stations Included in above Scenario 31

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01	APP	
*Percent Service lost without proposal:	0.0	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.0	to DTVPLN	DTVP0084

Result key: 48  
Scenario 32 Affected station 4  
Before Analysis

Results for: 11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
HAAT 268.0 m, ATV ERP 3.2 kW			

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	184761	492.5
lost to ATV IX only	260785	888.9
lost to all IX	319063	1481.5

Potential Interfering Stations Included in above Scenario 32

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD DTVPLN DTVP0084 PLN  
 HAAT 268.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	2913509	17561.9
not affected by terrain losses	2483771	14999.3
lost to NTSC IX	134302	989.0
lost to additional IX by ATV	206744	780.8
lost to ATV IX only	321985	1441.5
lost to all IX	341046	1769.8

Potential Interfering Stations Included in above Scenario 32

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	0.0	to DTVPLN	DTVP0084
*Percent Service lost with proposal:	1.0	to DTVPLN	DTVP0084

#####

Analysis of Interference to Affected Station 5

Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WWLP	SPRINGFIELD MA	BLCDDT -20060619AAS

Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WTNH	NEW HAVEN CT	76.4	LIC	BLCDDT -20040701AEC
10	WTNH-DT	NEW HAVEN CT	76.4	PLN	DTVPLN -DTVP0068
10	WWDP	NORWELL MA	137.2	APP	BPRM -20060426AAW
10	WTEN	ALBANY NY	122.8	LIC	BLCT -1285

10	WJAR	PROVIDENCE RI	119.6	LIC	BLCT	-2395
11	WENHTV	DURHAM NH	172.2	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	183.0	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	187.6	LIC	BLCT	-19810826KH
11	WBRE-DT	WILKES-BARRE PA	281.2	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	281.8	LIC	BLCDDT	-20051123AJX
12	WTXX-DT	WATERBURY CT	68.2	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	43.7	CP MOD	BMPCDDT	-20040608ABI
12	WNYT	ALBANY NY	123.0	LIC	BLCDDT	-20031022ABL
12	WNYT-DR	ALBANY NY	123.3	LIC	BPRM	-20000413AAC
12	WPRI-TV	PROVIDENCE RI	119.7	LIC	BLCT	-1750
11	WENH-D11	DURHAM NH	172.2	APP	USERRECORD-01	

Total scenarios = 32

Result key: 49  
 Scenario 1 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	225988	428.3
lost to ATV IX only	301918	836.6
lost to all IX	374227	1405.0

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	245249	704.5
lost to ATV IX only	351646	1296.9
lost to all IX	393488	1681.1

Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

11A NH DURHAM                      USERRECORD01                      APP  
 \*Percent Service lost without proposal:       -12.0    to BLCDT       20060619AAS  
 \*Percent Service lost with proposal:       -11.1    to BLCDT       20060619AAS

Result key:                      50  
 Scenario                      2    Affected station                      5  
 Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT       20060619AAS    LIC  
          HAAT    247.0 m, ATV ERP    10.0 kW  
    POPULATION       AREA (sq km)  
          within Noise Limited Contour       3426452       21778.9  
          not affected by terrain losses       2797190       17880.2  
          lost to NTSC IX                      148239       976.7  
          lost to additional IX by ATV       226005       432.3  
          lost to ATV IX only                      301935       844.6  
          lost to all IX                      374244       1409.0

Potential Interfering Stations Included in above Scenario       2

11N NY NEW YORK                      BLCT       19810826KH    LIC  
 10A CT NEW HAVEN                      BLCDT       20040701AEC    LIC  
 11A PA WILKES-BARRE                      DTVPLN       DTVP0089       PLN  
 12A CT WATERBURY                      DTVPLN       DTVP0097       PLN  
 12A NY ALBANY                      BPRM       20000413AAC    LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT       20060619AAS    LIC  
          HAAT    247.0 m, ATV ERP    10.0 kW  
    POPULATION       AREA (sq km)  
          within Noise Limited Contour       3426452       21778.9  
          not affected by terrain losses       2797190       17880.2  
          lost to NTSC IX                      148239       976.7  
          lost to additional IX by ATV       245266       708.5  
          lost to ATV IX only                      351663       1304.9  
          lost to all IX                      393505       1685.2

Potential Interfering Stations Included in above Scenario       2

11N NY NEW YORK                      BLCT       19810826KH    LIC  
 10A CT NEW HAVEN                      BLCDT       20040701AEC    LIC  
 11A PA WILKES-BARRE                      DTVPLN       DTVP0089       PLN  
 12A CT WATERBURY                      DTVPLN       DTVP0097       PLN  
 12A NY ALBANY                      BPRM       20000413AAC    LIC  
 11A NH DURHAM                      USERRECORD01                      APP  
 \*Percent Service lost without proposal:       -12.0    to BLCDT       20060619AAS  
 \*Percent Service lost with proposal:       -11.1    to BLCDT       20060619AAS

Result key:                      51  
 Scenario                      3    Affected station                      5  
 Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT       20060619AAS    LIC  
          HAAT    247.0 m, ATV ERP    10.0 kW



	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	243101	504.3
lost to ATV IX only	320770	920.6
lost to all IX	391340	1481.0

Potential Interfering Stations Included in above Scenario 3

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	262362	780.5
lost to ATV IX only	370614	1384.9
lost to all IX	410601	1757.2

Potential Interfering Stations Included in above Scenario 3

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.2	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-10.3	to BLCDDT	20060619AAS

Result key: 52  
Scenario 4 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	243118	508.3
lost to ATV IX only	320787	928.6
lost to all IX	391357	1485.0

Potential Interfering Stations Included in above Scenario 4

11N NY NEW YORK	BLCT	19810826KH	LIC
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10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD      BLCDT      20060619AAS    LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	262379	784.5
lost to ATV IX only	370631	1393.0
lost to all IX	410618	1761.2

Potential Interfering Stations Included in above Scenario      4

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.2	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-10.3	to BLCDT	20060619AAS

Result key:      53  
 Scenario      5    Affected station      5  
 Before Analysis

Results for: 11A MA SPRINGFIELD      BLCDT      20060619AAS    LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	228749	456.3
lost to ATV IX only	306932	900.6
lost to all IX	376988	1433.0

Potential Interfering Stations Included in above Scenario      5

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD      BLCDT      20060619AAS    LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9

not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	247998	728.5
lost to ATV IX only	354651	1336.9
lost to all IX	396237	1705.2

Potential Interfering Stations Included in above Scenario 5

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.8	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-11.0	to BLCDDT	20060619AAS

Result key: 54  
 Scenario 6 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	228749	456.3
lost to ATV IX only	306932	900.6
lost to all IX	376988	1433.0

Potential Interfering Stations Included in above Scenario 6

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	247998	728.5
lost to ATV IX only	354651	1336.9
lost to all IX	396237	1705.2

Potential Interfering Stations Included in above Scenario 6

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC

12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-11.8	to BLCDDT	20060619AAS
*Percent Service lost with proposal:		-11.0	to BLCDDT	20060619AAS

Result key: 55  
Scenario 7 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	245862	532.4
lost to ATV IX only	325784	984.7
lost to all IX	394101	1509.0

Potential Interfering Stations Included in above Scenario 7

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	265111	804.5
lost to ATV IX only	373619	1425.0
lost to all IX	413350	1781.2

Potential Interfering Stations Included in above Scenario 7

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		-11.1	to BLCDDT 20060619AAS
*Percent Service lost with proposal:		-10.2	to BLCDDT 20060619AAS

Result key: 56  
Scenario 8 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
             HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	245862	532.4
lost to ATV IX only	325784	984.7
lost to all IX	394101	1509.0

Potential Interfering Stations Included in above Scenario              8

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
             HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	265111	804.5
lost to ATV IX only	373619	1425.0
lost to all IX	413350	1781.2

Potential Interfering Stations Included in above Scenario              8

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.1	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-10.2	to BLCDT	20060619AAS

Result key:              57  
 Scenario              9    Affected station              5  
 Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
             HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	217936	404.3
lost to ATV IX only	292943	784.5
lost to all IX	366175	1380.9

Potential Interfering Stations Included in above Scenario              9

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDDT              20060619AAS    LIC  
 HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	237197	680.5
lost to ATV IX only	342694	1248.9
lost to all IX	385436	1657.1

Potential Interfering Stations Included in above Scenario              9

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-12.3	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-11.5	to BLCDDT	20060619AAS

Result key:              58  
 Scenario              10    Affected station              5  
 Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDDT              20060619AAS    LIC  
 HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	217953	408.3
lost to ATV IX only	292960	792.5
lost to all IX	366192	1384.9

Potential Interfering Stations Included in above Scenario              10

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

#### After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDDT              20060619AAS    LIC  
 HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	237214	684.5
lost to ATV IX only	342711	1256.9
lost to all IX	385453	1661.1

Potential Interfering Stations Included in above Scenario 10

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-12.3	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-11.5	to BLCDT	20060619AAS

Result key: 59  
 Scenario 11 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	236653	464.3
lost to ATV IX only	312294	844.6
lost to all IX	384892	1441.0

Potential Interfering Stations Included in above Scenario 11

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	255914	740.5
lost to ATV IX only	362161	1312.9
lost to all IX	404153	1717.2

Potential Interfering Stations Included in above Scenario 11

11N NY NEW YORK	BLCT	19810826KH	LIC
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10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	BMPCDT	20040608ABI	CP	
12A NY ALBANY	BLCDDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:	-11.5	to BLCDDT		20060619AAS
*Percent Service lost with proposal:	-10.6	to BLCDDT		20060619AAS

Result key: 60  
Scenario 12 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	236670	468.3
lost to ATV IX only	312311	852.6
lost to all IX	384909	1445.0

Potential Interfering Stations Included in above Scenario 12

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	255931	744.5
lost to ATV IX only	362178	1320.9
lost to all IX	404170	1721.2

Potential Interfering Stations Included in above Scenario 12

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.5	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-10.6	to BLCDDT	20060619AAS

Result key: 61  
Scenario 13 Affected station 5



Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
 HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	220697	432.3
lost to ATV IX only	297980	852.6
lost to all IX	368936	1409.0

Potential Interfering Stations Included in above Scenario      13

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
 HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	239946	704.5
lost to ATV IX only	345699	1288.9
lost to all IX	388185	1681.1

Potential Interfering Stations Included in above Scenario      13

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-12.2	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-11.3	to BLCDT	20060619AAS

Result key:              62  
 Scenario              14    Affected station              5  
 Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC  
 HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	220697	432.3
lost to ATV IX only	297980	852.6
lost to all IX	368936	1409.0

Potential Interfering Stations Included in above Scenario 14

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	239946	704.5
lost to ATV IX only	345699	1288.9
lost to all IX	388185	1681.1

Potential Interfering Stations Included in above Scenario 14

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-12.2	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-11.3	to BLCDDT	20060619AAS

Result key: 63  
 Scenario 15 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	239414	492.3
lost to ATV IX only	317331	912.6
lost to all IX	387653	1469.0

Potential Interfering Stations Included in above Scenario 15

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	258663	764.5
lost to ATV IX only	365166	1352.9
lost to all IX	406902	1741.2

Potential Interfering Stations Included in above Scenario 15

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.4	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-10.5	to BLCDT	20060619AAS

Result key: 64  
 Scenario 16 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	239414	492.3
lost to ATV IX only	317331	912.6
lost to all IX	387653	1469.0

Potential Interfering Stations Included in above Scenario 16

11N NY NEW YORK	BLCT	19810826KH	LIC
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	148239	976.7
lost to additional IX by ATV	258663	764.5
lost to ATV IX only	365166	1352.9
lost to all IX	406902	1741.2

Potential Interfering Stations Included in above Scenario 16

11N NY NEW YORK	BLCT	19810826KH	LIC	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	BMPCDDT	20040608ABI	CP	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-11.4	to BLCDDT	20060619AAS
*Percent Service lost with proposal:		-10.5	to BLCDDT	20060619AAS

Result key: 65  
Scenario 17 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	197160	404.3
lost to ATV IX only	301918	836.6
lost to all IX	385915	1545.1

Potential Interfering Stations Included in above Scenario 17

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	209666	640.4
lost to ATV IX only	351646	1296.9
lost to all IX	398421	1781.2

Potential Interfering Stations Included in above Scenario 17

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:		-11.4	to BLCDDT 20060619AAS
*Percent Service lost with proposal:		-10.9	to BLCDDT 20060619AAS

Result key: 66  
 Scenario 18 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLC DT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	197177	408.3
lost to ATV IX only	301935	844.6
lost to all IX	385932	1549.1

Potential Interfering Stations Included in above Scenario 18

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLC DT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLC DT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	209683	644.4
lost to ATV IX only	351663	1304.9
lost to all IX	398438	1785.2

Potential Interfering Stations Included in above Scenario 18

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLC DT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.4	to BLC DT	20060619AAS
*Percent Service lost with proposal:	-10.9	to BLC DT	20060619AAS

Result key: 67  
 Scenario 19 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLC DT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228614	484.3

lost to ATV IX only	320770	920.6
lost to all IX	417369	1625.1

Potential Interfering Stations Included in above Scenario 19

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	241120	720.5
lost to ATV IX only	370614	1384.9
lost to all IX	429875	1861.3

Potential Interfering Stations Included in above Scenario 19

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP

\*Percent Service lost without proposal: -10.0 to BLCDDT 20060619AAS  
 \*Percent Service lost with proposal: -9.4 to BLCDDT 20060619AAS

Result key: 68  
 Scenario 20 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228631	488.3
lost to ATV IX only	320787	928.6
lost to all IX	417386	1629.1

Potential Interfering Stations Included in above Scenario 20

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	241137	724.5
lost to ATV IX only	370631	1393.0
lost to all IX	429892	1865.3

Potential Interfering Stations Included in above Scenario 20

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-10.0	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-9.4	to BLCDT	20060619AAS

Result key: 69  
Scenario 21 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	200007	432.3
lost to ATV IX only	306932	900.6
lost to all IX	388762	1573.1

Potential Interfering Stations Included in above Scenario 21

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	212501	664.5
lost to ATV IX only	354651	1336.9
lost to all IX	401256	1805.2

Potential Interfering Stations Included in above Scenario 21

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-11.3	to BLCDDT	20060619AAS
*Percent Service lost with proposal:		-10.7	to BLCDDT	20060619AAS

Result key: 70  
 Scenario 22 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	200007	432.3
lost to ATV IX only	306932	900.6
lost to all IX	388762	1573.1

Potential Interfering Stations Included in above Scenario 22

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	212501	664.5
lost to ATV IX only	354651	1336.9
lost to all IX	401256	1805.2

Potential Interfering Stations Included in above Scenario 22

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC	
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-11.3	to BLCDDT	20060619AAS
*Percent Service lost with proposal:		-10.7	to BLCDDT	20060619AAS



Result key: 71  
 Scenario 23 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	231461	512.3
lost to ATV IX only	325784	984.7
lost to all IX	420216	1653.1

Potential Interfering Stations Included in above Scenario 23

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	243955	744.5
lost to ATV IX only	373619	1425.0
lost to all IX	432710	1885.3

Potential Interfering Stations Included in above Scenario 23

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-9.9	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-9.3	to BLCDT	20060619AAS

Result key: 72  
 Scenario 24 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2

lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	231461	512.3
lost to ATV IX only	325784	984.7
lost to all IX	420216	1653.1

Potential Interfering Stations Included in above Scenario 24

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	243955	744.5
lost to ATV IX only	373619	1425.0
lost to all IX	432710	1885.3

Potential Interfering Stations Included in above Scenario 24

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	BLCDDT	20040701AEC	LIC
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-9.9	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-9.3	to BLCDDT	20060619AAS

Result key: 73  
Scenario 25 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	189848	384.3
lost to ATV IX only	292943	784.5
lost to all IX	378603	1525.0

Potential Interfering Stations Included in above Scenario 25

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN

12A NY ALBANY                      BLCDT              20031022ABL    LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC

HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	202377	624.4
lost to ATV IX only	342694	1248.9
lost to all IX	391132	1765.2

Potential Interfering Stations Included in above Scenario      25

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BLCDT	20031022ABL	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:	-11.8	to BLCDT		20060619AAS
*Percent Service lost with proposal:	-11.2	to BLCDT		20060619AAS

Result key:              74

Scenario              26    Affected station              5

Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC

HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	189865	388.3
lost to ATV IX only	292960	792.5
lost to all IX	378620	1529.0

Potential Interfering Stations Included in above Scenario      26

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC

HAAT    247.0 m, ATV ERP    10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	202394	628.4

lost to ATV IX only	342711	1256.9
lost to all IX	391149	1769.2

Potential Interfering Stations Included in above Scenario 26

11N NY NEW YORK	BPCT	20040212AAA	APP	
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN	
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN	
12A CT WATERBURY	DTVPLN	DTVP0097	PLN	
12A NY ALBANY	BPRM	20000413AAC	LIC	
11A NH DURHAM	USERRECORD01		APP	
*Percent Service lost without proposal:		-11.8	to BLCDT	20060619AAS
*Percent Service lost with proposal:		-11.2	to BLCDT	20060619AAS

Result key: 75  
 Scenario 27 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	225351	456.3
lost to ATV IX only	312294	844.6
lost to all IX	414106	1597.1

Potential Interfering Stations Included in above Scenario 27

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	237880	696.5
lost to ATV IX only	362161	1312.9
lost to all IX	426635	1837.3

Potential Interfering Stations Included in above Scenario 27

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP

\*Percent Service lost without proposal: -10.1 to BLCDT 20060619AAS  
 \*Percent Service lost with proposal: -9.6 to BLCDT 20060619AAS

Result key: 76  
 Scenario 28 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	225368	460.3
lost to ATV IX only	312311	852.6
lost to all IX	414123	1601.1

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW		
	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	237897	700.5
lost to ATV IX only	362178	1320.9
lost to all IX	426652	1841.3

Potential Interfering Stations Included in above Scenario 28

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	DTVPLN	DTVP0089	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-10.1	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-9.6	to BLCDT	20060619AAS

Result key: 77  
 Scenario 29 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC

HAAT 247.0 m, ATV ERP 10.0 kW		
	POPULATION	AREA (sq km)

within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	192718	416.3
lost to ATV IX only	297980	852.6
lost to all IX	381473	1557.1

Potential Interfering Stations Included in above Scenario 29

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	205212	648.4
lost to ATV IX only	345699	1288.9
lost to all IX	393967	1789.2

Potential Interfering Stations Included in above Scenario 29

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.6	to BLCDDT	20060619AAS
*Percent Service lost with proposal:	-11.1	to BLCDDT	20060619AAS

Result key: 78  
Scenario 30 Affected station 5  
Before Analysis

Results for: 11A MA SPRINGFIELD BLCDDT 20060619AAS LIC  
HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	192718	416.3
lost to ATV IX only	297980	852.6
lost to all IX	381473	1557.1

Potential Interfering Stations Included in above Scenario 30

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN

11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	205212	648.4
lost to ATV IX only	345699	1288.9
lost to all IX	393967	1789.2

Potential Interfering Stations Included in above Scenario      30

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-11.6	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-11.1	to BLCDT	20060619AAS

Result key:              79

Scenario              31 Affected station              5

Before Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228221	488.3
lost to ATV IX only	317331	912.6
lost to all IX	416976	1629.1

Potential Interfering Stations Included in above Scenario      31

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 11A MA SPRINGFIELD                      BLCDT              20060619AAS    LIC

HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2

lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	240715	720.5
lost to ATV IX only	365166	1352.9
lost to all IX	429470	1861.3

Potential Interfering Stations Included in above Scenario 31

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent Service lost without proposal:	-10.0	to BLCDT	20060619AAS
*Percent Service lost with proposal:	-9.4	to BLCDT	20060619AAS

Result key: 80  
 Scenario 32 Affected station 5  
 Before Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	228221	488.3
lost to ATV IX only	317331	912.6
lost to all IX	416976	1629.1

Potential Interfering Stations Included in above Scenario 32

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 11A MA SPRINGFIELD BLCDT 20060619AAS LIC  
 HAAT 247.0 m, ATV ERP 10.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	3426452	21778.9
not affected by terrain losses	2797190	17880.2
lost to NTSC IX	188755	1140.8
lost to additional IX by ATV	240715	720.5
lost to ATV IX only	365166	1352.9
lost to all IX	429470	1861.3

Potential Interfering Stations Included in above Scenario 32

11N NY NEW YORK	BPCT	20040212AAA	APP
10A CT NEW HAVEN	DTVPLN	DTVP0068	PLN
11A PA WILKES-BARRE	BLCDT	20051123AJX	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP



12A NY ALBANY BPRM 20000413AAC LIC  
 11A NH DURHAM USERRECORD01 APP  
 \*Percent Service lost without proposal: -10.0 to BLC DT 20060619AAS  
 \*Percent Service lost with proposal: -9.4 to BLC DT 20060619AAS

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# Analysis of Interference to Affected Station 6

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
11	WPIX	NEW YORK NY	DTVPLN	-NPLN0731

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH-DT	NEW HAVEN CT	119.0	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	214.0	PLN	DTVPLN	-NPLN0671
10	WCAU	PHILADELPHIA PA	127.5	PLN	DTVPLN	-NPLN0678
11	WWLP-DT	SPRINGFIELD MA	187.6	PLN	DTVPLN	-DTVP0084
11	WBALTV	BALTIMORE MD	271.7	PLN	DTVPLN	-NPLN0717
11	WENHTV	DURHAM NH	358.8	PLN	DTVPLN	-NPLN0728
11	WBRE-DT	WILKES-BARRE PA	164.2	PLN	DTVPLN	-DTVP0089
12	WTXX-DT	WATERBURY CT	122.3	PLN	DTVPLN	-DTVP0097
12	WHYYTV	WILMINGTON DE	127.8	PLN	DTVPLN	-NPLN0757

Results for: 11N NY NEW YORK			DTVPLN	NPLN0731	PLN
	POPULATION	AREA (sq km)			
within Noise Limited Contour	19840695	29001.2			
not affected by terrain losses	19321562	26146.6			
lost to NTSC IX	792015	2878.6			
lost to additional IX by ATV	98808	495.1			
lost to all IX	890823	3373.6			

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WPIX	NEW YORK NY	BPCT	-20040212AAA

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH	NEW HAVEN CT	114.6	LIC	BLC DT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	114.6	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	210.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	131.8	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	183.0	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	183.0	LIC	BLC DT	-20060619AAS
11	WBAL-TV	BALTIMORE MD	275.8	LIC	BLCT	-20000707AEB
11	WENH-TV	DURHAM NH	354.2	LIC	BMLET	-19960516KH
11	WBRE-DT	WILKES-BARRE PA	165.1	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	165.6	LIC	BLC DT	-20051123AJX
12	WTXX-DT	WATERBURY CT	117.8	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	143.4	CP MOD	BMPCDT	-20040608ABI
12	WHYY-TV	WILMINGTON DE	132.0	LIC	BLET	-19940707KE

12	WNYT	ALBANY NY	208.6	LIC	BLCDT	-20031022ABL
12	WNYT-DR	ALBANY NY	208.8	LIC	BPRM	-20000413AAC
12	WBNG-TV	BINGHAMTON NY	219.3	LIC	BLCT	-19870821KE
11	WENH-D11	DURHAM NH	354.2	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 7

##### Analysis of current record

Channel	Call	City/State	Application	Ref. No.
11	WPIX	NEW YORK NY	BLCT	-19810826KH

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
10	WTNH	NEW HAVEN CT	119.0	LIC	BLCDT	-20040701AEC
10	WTNH-DT	NEW HAVEN CT	119.0	PLN	DTVPLN	-DTVP0068
10	WTEN	ALBANY NY	214.0	LIC	BLCT	-1285
10	WCAU	PHILADELPHIA PA	127.6	LIC	BLCT	-20041119AEQ
11	WWLP-DT	SPRINGFIELD MA	187.6	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	187.6	LIC	BLCDT	-20060619AAS
11	WBAL-TV	BALTIMORE MD	271.7	LIC	BLCT	-20000707AEB
11	WENH-TV	DURHAM NH	358.8	LIC	BMLET	-19960516KH
11	WBRE-DT	WILKES-BARRE PA	164.2	PLN	DTVPLN	-DTVP0089
11	WBRE-TV	WILKES-BARRE PA	164.7	LIC	BLCDT	-20051123AJX
12	WTXX-DT	WATERBURY CT	122.3	PLN	DTVPLN	-DTVP0097
12	WTXX	WATERBURY CT	148.0	CP MOD	BMPCDT	-20040608ABI
12	WHYY-TV	WILMINGTON DE	127.8	LIC	BLET	-19940707KE
12	WNYT	ALBANY NY	212.7	LIC	BLCDT	-20031022ABL
12	WNYT-DR	ALBANY NY	212.9	LIC	BPRM	-20000413AAC
11	WENH-D11	DURHAM NH	358.8	APP	USERRECORD-01	

Proposal causes no interference

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#### Analysis of Interference to Affected Station 8

##### DTV Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
12	WTXX-DT	WATERBURY CT	DTVPLN	-DTVP0097

##### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WWLP-DT	SPRINGFIELD MA	68.2	PLN	DTVPLN	-DTVP0084
11	WPIX	NEW YORK NY	122.3	PLN	DTVPLN	-NPLN0731
12	WHYYTV	WILMINGTON DE	248.7	PLN	DTVPLN	-NPLN0757
12	WBNGTV	BINGHAMTON NY	250.4	PLN	DTVPLN	-NPLN0786
12	WPRITV	PROVIDENCE RI	149.5	PLN	DTVPLN	-NPLN0793
13	WNET	NEWARK NJ	122.3	PLN	DTVPLN	-NPLN0850
13	WNYT	ALBANY NY	149.6	PLN	DTVPLN	-NPLN0853

13 WPRI-DT PROVIDENCE RI 149.5 PLN DTVPLN -DTVP0118

Results for: 12A CT WATERBURY DTVPLN DTVP0097 PLN  
HAAT 366.0 m, ATV ERP 3.2 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	5762112	23829.2
not affected by terrain losses	5374699	21841.8
lost to NTSC IX	471072	2238.9
lost to additional IX by ATV	184284	283.3
lost to ATV IX only	253122	391.1
lost to all IX	655356	2522.2

#### NTSC Baseline Analysis

Channel	Call	City/State	Application Ref. No.
20	WTXX	WATERBURY CT	DTVPLN -NPLN1070

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
17	WOST-DT	BLOCK ISLAND RI	102.7	PLN	DTVPLN -DTVP0279
18	WHCTTV	HARTFORD CT	33.8	PLN	DTVPLN -NPLN1012
19	WCDCTV	ADAMS MA	125.0	PLN	DTVPLN -NPLN1045
19	WGBH-DT	BOSTON MA	171.7	PLN	DTVPLN -DTVP0356
20	WCVB-DT	BOSTON MA	171.7	PLN	DTVPLN -DTVP0399
20	WUTR	UTICA NY	253.3	PLN	DTVPLN -NPLN1086
20	WVTB	ST. JOHNSBURY VT	351.4	PLN	DTVPLN -NPLN1093
21	WLIW	GARDEN CITY NY	88.8	PLN	DTVPLN -NPLN1120
21	WRNN-DT	KINGSTON NY	109.6	PLN	DTVPLN -DTVP0450
21	WSBE-DT	PROVIDENCE RI	132.2	PLN	DTVPLN -DTVP0455
22	WWLP	SPRINGFIELD MA	68.2	PLN	DTVPLN -NPLN1144
22	WLIW-DT	GARDEN CITY NY	88.8	PLN	DTVPLN -DTVP0499
23	WHSI-DT	SMITHTOWN NY	70.0	PLN	DTVPLN -DTVP0537
24	WEDH	HARTFORD CT	33.5	PLN	DTVPLN -NPLN1202
24	WNYE-DT	NEW YORK NY	117.8	PLN	DTVPLN -DTVP0579
27	WUNI	WORCESTER MA	141.0	PLN	DTVPLN -NPLN1306
27	WTBY-DT	POUGHKEEPSIE NY	84.3	PLN	DTVPLN -DTVP0681
28	WNBC-DT	NEW YORK NY	122.3	PLN	DTVPLN -DTVP0719
34	WTWS-DT	NEW LONDON CT	69.2	PLN	DTVPLN -DTVP0929
35	WVIT-DT	NEW BRITAIN CT	25.5	PLN	DTVPLN -DTVP0967

Results for: 20N CT WATERBURY DTVPLN NPLN1070 PLN

	POPULATION	AREA (sq km)
within Noise Limited Contour	5560542	22859.4
not affected by terrain losses	5154215	20520.8
lost to NTSC IX	906243	1939.5
lost to additional IX by ATV	284778	1927.6
lost to all IX	1191021	3867.1

#### Analysis of current record

Channel	Call	City/State	Application Ref. No.
12	WTXX	WATERBURY CT	BMPCDT -20040608ABI

#### Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
11	WWLP-DT	SPRINGFIELD MA	43.7	PLN	DTVPLN -DTVP0084
11	WWLP	SPRINGFIELD MA	43.7	LIC	BLC DT -20060619AAS

11	WENHTV	DURHAM NH	211.0	PLN	DTVPLN	-NPLN0728
11	WPIX	NEW YORK NY	143.4	APP	BPCT	-20040212AAA
11	WPIX	NEW YORK NY	148.0	LIC	BLCT	-19810826KH
12	WHYY-TV	WILMINGTON DE	274.0	LIC	BLET	-19940707KE
12	WNYT	ALBANY NY	141.1	LIC	BLCDDT	-20031022ABL
12	WNYT-DR	ALBANY NY	141.4	LIC	BPRM	-20000413AAC
12	WBNG-TV	BINGHAMTON NY	261.1	LIC	BLCT	-19870821KE
12	WPRI-TV	PROVIDENCE RI	129.9	LIC	BLCT	-1750
13	WNET	NEWARK NJ	148.0	LIC	BLET	-19811110KG
13	WNET	NEWARK NJ	143.4	APP	BPCT	-20040213AFP
13	WNYT	ALBANY NY	137.0	LIC	BLCT	-19800314KF
13	WPRI-TV	PROVIDENCE RI	129.9	LIC	BLCDDT	-20040526ALH
13	WPRI-DT	PROVIDENCE RI	129.9	PLN	DTVPLN	-DTVP0118
11	WENH-D11	DURHAM NH	211.0	APP	USERRECORD-01	

Proposal causes no interference

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# Analysis of Interference to Affected Station 9

## NTSC Baseline Analysis

Channel	Call	City/State	Application	Ref. No.
12	WPRITV	PROVIDENCE RI	DTVPLN	-NPLN0793

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WWLP-DT	SPRINGFIELD MA	119.7	PLN	DTVPLN	-DTVP0084
11	WENHTV	DURHAM NH	144.5	PLN	DTVPLN	-NPLN0728
12	WTTX-DT	WATERBURY CT	149.5	PLN	DTVPLN	-DTVP0097
12	WHYYTV	WILMINGTON DE	389.8	PLN	DTVPLN	-NPLN0757
12	WMEBTV	ORONO ME	388.4	PLN	DTVPLN	-NPLN0769
12	WBNGTV	BINGHAMTON NY	386.4	PLN	DTVPLN	-NPLN0786
13	WNYT	ALBANY NY	217.7	PLN	DTVPLN	-NPLN0853
13	WPRI-DT	PROVIDENCE RI	0.0	PLN	DTVPLN	-DTVP0118

Results for: 12N RI PROVIDENCE		DTVPLN	NPLN0793	PLN
	POPULATION	AREA (sq km)		
within Noise Limited Contour	6738613	28860.9		
not affected by terrain losses	6403076	26990.1		
lost to NTSC IX	626583	1324.8		
lost to additional IX by ATV	163974	2412.8		
lost to all IX	790557	3737.6		

## Analysis of current record

Channel	Call	City/State	Application	Ref. No.
12	WPRI-TV	PROVIDENCE RI	BLCT	-1750

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application	Ref. No.
11	WWLP-DT	SPRINGFIELD MA	119.7	PLN	DTVPLN	-DTVP0084
11	WWLP	SPRINGFIELD MA	119.7	LIC	BLCDDT	-20060619AAS
11	WENH-TV	DURHAM NH	144.5	LIC	BMLET	-19960516KH
12	WTTX-DT	WATERBURY CT	149.5	PLN	DTVPLN	-DTVP0097

12	WTXX	WATERBURY CT	129.9	CP MOD	BMPCDT	-20040608ABI
12	WHYY-TV	WILMINGTON DE	389.8	LIC	BLET	-19940707KE
12	WMEB-TV	ORONO ME	388.7	LIC	BLET	-19990525KH
12	WNYT	ALBANY NY	239.4	LIC	BLCDDT	-20031022ABL
12	WNYT-DR	ALBANY NY	239.7	LIC	BPRM	-20000413AAC
12	WBNG-TV	BINGHAMTON NY	386.4	LIC	BLCT	-19870821KE
13	WNYT	ALBANY NY	217.7	LIC	BLCT	-19800314KF
13	WPRI-TV	PROVIDENCE RI	0.0	LIC	BLCDDT	-20040526ALH
13	WPRI-DT	PROVIDENCE RI	0.0	PLN	DTVPLN	-DTVP0118
11	WENH-D11	DURHAM NH	144.5	APP	USERRECORD-01	

Total scenarios = 8

Result key: 81  
 Scenario 1 Affected station 9  
 Before Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	169298	2452.9	
lost to all IX	171317	2465.0	

Potential Interfering Stations Included in above Scenario 1

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	176062	2481.0	
lost to all IX	178081	2493.1	

Potential Interfering Stations Included in above Scenario 1

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01	APP	
*Percent new DTV interference without proposal:	2.5	BLCT	1750
*Percent new DTV interference with proposal:	2.6	BLCT	1750

Result key: 82

Scenario 2 Affected station 9  
Before Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	170183	2452.9	
lost to all IX	172202	2465.0	

Potential Interfering Stations Included in above Scenario 2

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	176947	2481.0	
lost to all IX	178966	2493.1	

Potential Interfering Stations Included in above Scenario 2

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01	APP	
*Percent new DTV interference without proposal:	2.5	BLCT	1750
*Percent new DTV interference with proposal:	2.6	BLCT	1750

Result key: 83  
Scenario 3 Affected station 9  
Before Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	229464	3010.9	
lost to all IX	231483	3023.0	

Potential Interfering Stations Included in above Scenario 3

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC

11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC

After Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	236228	3039.0	
lost to all IX	238247	3051.1	

Potential Interfering Stations Included in above Scenario 3

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BLCDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01	APP	
*Percent new DTV interference without proposal:	3.4	BLCT	1750
*Percent new DTV interference with proposal:	3.5	BLCT	1750

Result key: 84  
Scenario 4 Affected station 9  
Before Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	231343	3043.1	
lost to all IX	233362	3055.1	

Potential Interfering Stations Included in above Scenario 4

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	238107	3071.2	
lost to all IX	240126	3083.2	

Potential Interfering Stations Included in above Scenario 4

12N DE WILMINGTON	BLET	19940707KE	LIC		
12N ME ORONO	BLET	19990525KH	LIC		
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN		
12A CT WATERBURY	BMPCDT	20040608ABI	CP		
12A NY ALBANY	BPRM	20000413AAC	LIC		
11A NH DURHAM	USERRECORD01		APP		
*Percent new DTV interference without proposal:				3.4	BLCT 1750
*Percent new DTV interference with proposal:				3.5	BLCT 1750

Result key: 85  
Scenario 5 Affected station 9  
Before Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	169298	2452.9	
lost to all IX	171317	2465.0	

Potential Interfering Stations Included in above Scenario 5

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	176062	2481.0	
lost to all IX	178081	2493.1	

Potential Interfering Stations Included in above Scenario 5

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent new DTV interference without proposal:			
*Percent new DTV interference with proposal:			
	2.5	BLCT	1750
	2.6	BLCT	1750

Result key: 86  
Scenario 6 Affected station 9  
Before Analysis



Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	170298	2456.9	
lost to all IX	172317	2469.0	

Potential Interfering Stations Included in above Scenario 6

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	177062	2485.0	
lost to all IX	179081	2497.1	

Potential Interfering Stations Included in above Scenario 6

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
12A CT WATERBURY	DTVPLN	DTVP0097	PLN
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP
*Percent new DTV interference without proposal:		2.5	BLCT 1750
*Percent new DTV interference with proposal:		2.6	BLCT 1750

Result key: 87  
Scenario 7 Affected station 9  
Before Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	229516	3015.0	
lost to all IX	231535	3027.0	

Potential Interfering Stations Included in above Scenario 7

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC

After Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	236280	3043.1	
lost to all IX	238299	3055.1	

Potential Interfering Stations Included in above Scenario 7

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BLCDDT	20031022ABL	LIC
11A NH DURHAM	USERRECORD01	APP	
*Percent new DTV interference without proposal:		3.4	BLCT 1750
*Percent new DTV interference with proposal:		3.5	BLCT 1750

Result key: 88  
Scenario 8 Affected station 9  
Before Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	231343	3043.1	
lost to all IX	233362	3055.1	

Potential Interfering Stations Included in above Scenario 8

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC
11A MA SPRINGFIELD	BLCDDT	20060619AAS	LIC
12A CT WATERBURY	BMPCDDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC

After Analysis

Results for: 12N RI PROVIDENCE	BLCT	1750	LIC
	POPULATION	AREA (sq km)	
within Noise Limited Contour	6738613	28860.9	
not affected by terrain losses	6403076	26990.1	
lost to NTSC IX	2019	12.0	
lost to additional IX by ATV	238107	3071.2	
lost to all IX	240126	3083.2	

Potential Interfering Stations Included in above Scenario 8

12N DE WILMINGTON	BLET	19940707KE	LIC
12N ME ORONO	BLET	19990525KH	LIC

11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC
12A CT WATERBURY	BMPCDT	20040608ABI	CP
12A NY ALBANY	BPRM	20000413AAC	LIC
11A NH DURHAM	USERRECORD01		APP

\*Percent new DTV interference without proposal: 3.4 BLCT 1750  
\*Percent new DTV interference with proposal: 3.5 BLCT 1750

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# Analysis of Interference to Affected Station 10

## Analysis of current record

Channel	Call	City/State	Application Ref. No.
11	WENH-D11	DURHAM NH	USERRECORD-01

## Stations Potentially Affecting This Station

Chan	Call	City/State	Dist(km)	Status	Application Ref. No.
10	WWDP	NORWELL MA	130.2	APP	BPRM -20060426AAW
10	WCBW	AUGUSTA ME	145.3	LIC	BMLET -20020917AAU
10	WJAR	PROVIDENCE RI	145.8	LIC	BLCT -2395
11	WWLP-DT	SPRINGFIELD MA	172.2	PLN	DTVPLN -DTVP0084
11	WWLP	SPRINGFIELD MA	172.2	LIC	BLCDT -20060619AAS
11	WPIX	NEW YORK NY	354.2	APP	BPCT -20040212AAA
11	WPIX	NEW YORK NY	358.8	LIC	BLCT -19810826KH
12	WTXX	WATERBURY CT	211.0	CP MOD	BMPCDT -20040608ABI
12	WPRI-TV	PROVIDENCE RI	144.5	LIC	BLCT -1750

Total scenarios = 4

Result key: 89  
Scenario 1 Affected station 10  
Before Analysis

Results for: 11A NH DURHAM USERRECORD01 APP  
HAAT 305.0 m, ATV ERP 16.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4153590	27971.6
not affected by terrain losses	4021494	25774.7
lost to NTSC IX	2305	44.3
lost to additional IX by ATV	21877	112.7
lost to ATV IX only	23513	144.8
lost to all IX	24182	156.9

## Potential Interfering Stations Included in above Scenario 1

11N NY NEW YORK	BLCT	19810826KH	LIC
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN

Result key: 90  
Scenario 2 Affected station 10  
Before Analysis

Results for: 11A NH DURHAM                      USERRECORD01                      APP  
HAAT 305.0 m, ATV ERP 16.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4153590	27971.6
not affected by terrain losses	4021494	25774.7
lost to NTSC IX	2305	44.3
lost to additional IX by ATV	18586	124.7
lost to ATV IX only	20222	156.9
lost to all IX	20891	169.0

Potential Interfering Stations Included in above Scenario                      2

11N NY NEW YORK	BLCT	19810826KH	LIC
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC

Result key:                      91  
Scenario                      3    Affected station                      10  
Before Analysis

Results for: 11A NH DURHAM                      USERRECORD01                      APP  
HAAT 305.0 m, ATV ERP 16.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4153590	27971.6
not affected by terrain losses	4021494	25774.7
lost to NTSC IX	8553	68.4
lost to additional IX by ATV	21158	88.5
lost to ATV IX only	23513	144.8
lost to all IX	29711	156.9

Potential Interfering Stations Included in above Scenario                      3

11N NY NEW YORK	BPCT	20040212AAA	APP
11A MA SPRINGFIELD	DTVPLN	DTVP0084	PLN

Result key:                      92  
Scenario                      4    Affected station                      10  
Before Analysis

Results for: 11A NH DURHAM                      USERRECORD01                      APP  
HAAT 305.0 m, ATV ERP 16.0 kW

	POPULATION	AREA (sq km)
within Noise Limited Contour	4153590	27971.6
not affected by terrain losses	4021494	25774.7
lost to NTSC IX	8553	68.4
lost to additional IX by ATV	17867	100.6
lost to ATV IX only	20222	156.9
lost to all IX	26420	169.0

Potential Interfering Stations Included in above Scenario                      4

11N NY NEW YORK	BPCT	20040212AAA	APP
11A MA SPRINGFIELD	BLCDT	20060619AAS	LIC

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FINISHED FINISHED FINISHED FINISHED FINISHED FINISHED

Final DTV TOA Azimuth Pattern

Pre-Rotation Antenna Pattern....

Azimuth (deg)	Effective Field
0.0	0.847
10.0	0.891
20.0	0.941
30.0	0.979
40.0	0.993
50.0	0.979
60.0	0.941
70.0	0.891
80.0	0.847
90.0	0.826
100.0	0.836
110.0	0.875
120.0	0.929
130.0	0.976
140.0	0.999
150.0	0.987
160.0	0.936
170.0	0.857
180.0	0.766
190.0	0.686
200.0	0.632
210.0	0.606
220.0	0.599
230.0	0.606
240.0	0.632
250.0	0.686
260.0	0.766
270.0	0.857
280.0	0.936
290.0	0.987
300.0	0.999
310.0	0.976
320.0	0.929
330.0	0.875
340.0	0.836
350.0	0.826

Rotation Angle = 20

